


# F.H. EBELING.

(THE PERRY SEED STORE)

217 WARREN ST.

SYRACUSE,

N.Y.

29<sup>TH</sup>  
ANNUAL CATALOGUE  
  
ESTABLISHED 1868.



# SEEDS.

BULBS, HARDWARE, IMPLEMENTS,  
DRAIN TILE, TIN SHOP, ETC.



## USEFUL TABLES.

*Number of Plants Produced from One Ounce of Seed, as follows:*

	Plants.		Plants.
Asparagus.....	about 500	Kale.....	about 2,000
Broccoli.....	" 2,000	Leek.....	" 1,000
Cabbage.....	" 3,000	Lettuce.....	" 3,000
Cauliflower.....	" 4,000	Pepper.....	" 2,000
Celery.....	" 4,000	Sage.....	" 1,000
Egg Plant.....	" 1,000	Tomato.....	" 3,000
Endive.....	" 3,000	Thyme.....	" 5,000

*Number of Plants to the Acre at the following distances apart:*

Distances apart.	No. of plants to Acre.	Distances apart	No. of Plants to Acre.
1 ft. by 1 ft.....	43,560	6 ft. by 6 ft.....	1,210
1½ " 1½ ".....	19,360	8 " 8 ".....	680
2 " 1 ".....	21,780	9 " 9 ".....	537
2 " 2 ".....	10,898	10 " 10 ".....	435
2½ " 2½ ".....	6,969	12 " 12 ".....	302
3 " 1 ".....	14,520	15 " 15 ".....	193
3 " 2 ".....	7,260	18 " 18 ".....	134
3 " 3 ".....	4,840	20 " 20 ".....	103
4 " 4 ".....	2,722	25 " 25 ".....	70
5 " 5 ".....	1,742	30 " 30 ".....	48

*Quantity of Seed Required for a given number of Plants in Hills or Length of Drills:*

Asparagus.....	1 oz. to 60 ft. drill	Onions.....	1 oz. to 100 ft. drill
Beets.....	1 oz. to 50 ft. drill	Peas.....	1 qt. to 100 ft. drill
Beans, dwarf.....	1 qt. to 150 hills	Parsnip.....	1 oz. to 100 ft. drill
Beans, Pole.....	1 qt. to 100 hills	Radish.....	2 oz. to 100 ft. drill
Carrot.....	1 oz. to 150 ft. drill	Sage.....	1 oz. to 100 ft. drill
Cabbage.....	¼ lb. per acre	Salsify, or Veg. Oysters.....	1 oz. to 70 ft. drill
Cucumber.....	1 lb. per acre	Spinach.....	1 oz. to 100 ft. drill
Corn.....	1 qt. to 400 hills	Squash, early.....	1 oz. to 50 hills
Watermelon.....	1 oz. to 30 hills	Turnip.....	1 oz. to 150 ft. drill
Muskmelon.....	1 oz. to 60 hills		

*Seed Sown per Acre.*

*Weight per bu.*

Timothy, ¼ to ½ bush.....	44 lbs
Lucerne, or Alfalfa, 15 to 30 lbs.....	60 lbs
Clover, Red, 10 to 15 lbs.....	60 lbs
Clover, Alsike, 5 to 10 lbs.....	60 lbs
Clover, Crimson, 15 lbs.....	60 lbs
Sainfoin, 20 lbs, (Turken Klee).....	1 lb
Red Top, 2 to 2½ bush.....	14 lbs
Blue Grass, 2 bush.....	14 lbs
Orchard Grass, 2 bush.....	14 lbs
Yellow Sand Clover, 10 to 15 lbs.....	60 lbs
White Clover, 6 to 10 lbs.....	60 lbs
Sweet Vernal, 1 to 1½ bush.....	10 lbs
Millet, ½ to ¾ bush.....	50 lbs
Hungarian, ½ to ¾ bush.....	48 lbs
Wheat, 2 bush.....	60 lbs
Buckwheat, ¾ to 1 bush.....	48 to 50 lbs
Rye, 1 to 2 bush.....	56 lbs

*Average Vitality of Seed.*

GOOD FOR ONE YEAR—Leek, Onion, Parsnip.  
 GOOD FOR TWO YEARS—Beans, Carrots, Egg Plant, Okra, Peas, Pepper, Rhubarb, Sage, Salsify, Thyme.  
 GOOD FOR THREE YEARS—Asparagus, Endive.

*Seed Sown per Acre.*

*Weight per bu.*

Oats, 2 to 3 bush.....	32 lbs
Oats, Winter, 1½ bush.....	32 lbs
Barley, 2 bush.....	48 lbs
Flax Seed, 6 qt.....	56 lbs
Corn, ¼ bush.....	56 to 60 lbs
Potatoes, 6 bush.....	62 lbs
Sweet Corn, ¼ bush.....	about 50 lbs
Peas, 2½ to 3 bush.....	60 lbs
Beans, 1 to 1½ bush.....	62 lbs
Pumpkin Seed, 2 qt.....	27 lbs
Turnip, 1 lb.....	42 lbs
Spinach, 8 lbs.....	42 lbs
Beet, 4 to 6 lbs.....	1 oz. to 16 hills
Squash, Marrow, 2½ lbs. per acre.....	1 oz. to 16 hills
Parsnip, 3 to 5 lbs.....	20 lbs
Carrot, 2½ to 3 lbs.....	56 lbs
Onion, 5 to 6 lbs.....	56 lbs

*Based on Perfect Stock.*

Lettuce, Parsley, Radish, Spinach.  
 GOOD FOR FOUR YEARS—Broccoli, Cabbage, Cauliflower, Celery, Turnip.  
 GOOD FOR FIVE YEARS—Beet, Cucumber, Melon, Pumpkin, Squash, Tomato.

### February.

*Sow in Hot-Bed.*

Broccoli,  
 Early Cabbage,  
 Forcing Carrot,  
 Early Celery,  
 Cucumber,  
 Egg Plant,  
 Early Lettuce,  
 Parsley,  
 Pepper,  
 Radish,  
 Tomato,

### March.

*Sow in Hot-Bed.*

Early Beet,  
 Broccoli,  
 Brussels Sprouts,  
 Early Cabbage,  
 Forcing Carrot,  
 Cauliflower,  
 Celery,  
 Cucumber,  
 Lettuce,  
 Melon,  
 Pepper,  
 Radish,  
 Tomato,

### April.

*Sow in Hot-Bed.*

Cucumber,  
 Egg Plant,  
 Melon,  
 Pepper,  
 Tomato,  
*Sow in Open Ground.*  
 Peas,  
 Potatoes,  
 Radish,  
 Spinach,

### May.

*Sow in Open Ground.*

Artichoke,  
 Asparagus,  
 Beans,  
 Beet,  
 Broccoli,  
 Brussels Sprouts,  
 Late Cabbage,  
 Carrot,  
 Cauliflower,  
 Celery,  
 Sweet Corn,  
 Cress,  
 Cucumber,  
 Kale,  
 Kohlrabi,

Leek,  
 Lettuce,  
 Melon,  
 Onion,  
 Parsley,  
 Parsnip,  
 Peas,  
 Potatoes,  
 Radish,  
 Rhubarb,  
 Salsify,  
 Spinach,  
 Tomato,  
 Early Turnip,  
 All Herbs,

### June.

*Sow in Open Ground.*  
 Beans, Lima and all other sorts,  
 Beet,  
 Broccoli,  
 Brussels Sprouts,  
 Early Cabbage,  
 Carrot,  
 Cauliflower,  
 Sweet Corn,  
 Cress,  
 Cucumber,  
 Endive,

Kale,  
 Kohlrabi,  
 Lettuce,  
 Melon,  
 Nasturtium,  
 Okra,  
 Early Peas,  
 Potatoes,  
 Pumpkin,  
 Radish,  
 Salsify,  
 Spinach,  
 Squash,  
 Herbs,

### September.

*Sow in Open Ground.*  
 Cabbage for Cold Frames,  
 Cauliflower for Cold Frames,  
 Tuberos Chervil  
 Corn Salad,  
 Cress,  
 Siberian Kale,  
 Lettuce,  
 Mustard,  
 Winter Radish,  
 Spinach,  
 Turnip.



**ESTABLISHED 31 YEARS.**

WE herewith present our Twenty-ninth Annual Illustrated Catalogue containing a list of things necessary for the Farm, Garden, Lawn, Greenhouse, Dairy, Poultry Yard, etc., also call special attention to our tin shop, where everything in the line of tin and galvanized iron work is promptly done. We are better prepared than ever to meet the full requirements of our trade, and thank our many friends for past favors and generous patronage.

For thirty-one years this house has been located in the same block, having been established in 1868 by Mr. A. D. Perry. We are pleased to announce that never before have we been better able to meet the requirements of our trade than at the present time. This firm is the only strictly seed-house in Central New York. Importing the finest and choicest varieties of flower and garden seeds — as well as dealing in all the more common sorts of field and garden seeds, implements, drain tile, hardware, etc., and which this catalogue will more fully explain.

Very sincerely,

W. A. PERRY

Very sincerely,

F. H. EBELING.

Etablirt 31 Jahre.

Wir übergeben dem geehrten Publikum hiermit unseren 29sten jährlichen Catalog für das Jahr 1899. Derselbe enthält eine vollkommene Liste der auserlesensten Sorten frischer Garten-, Feld- und Blumen-Samen, sowie von allen Artikeln, welche für den Landbau, Garten, Allee, Treibhaus, Molkerei, für den Hühnerhof u.s.w. nöthig sind. In Verbindung mit unserem Laden haben wir auch für die Bequemlichkeit unserer Kunden eine Blech- und Klempner-Werkstätte eingerichtet, auch besorgen wir galvanisirte Eisenarbeit. Wir sind besser wie je vorbereitet, den Wünschen des Publikums in unserem Geschäftszweige nachzukommen und danken wir unseren vielen Freunden für die soweitige kräftige Unterstützung, welche uns in solch' reichem Maße zu Theil wurde. Dreißig Jahre war unser Geschäftshaus in ein und demselben Häusergeviert lokalisiert; gegründet wurde dasselbe im Jahre 1868. Dies ist das einzige wirkliche Samen-Geschäft in Central New York. Wir importiren die besten und seltensten Samenarten vom Auslande, eigens von Sachverständigen für unseren Laden auserlesen. Wir halten auch Ackerbau-Geräthschaften, Handwerkszeug, Drainir-Ziegeln, Eisenwaaren u.s.w. stets auf Lager. Alles Nähere besorgt dieser Catalog. Herr F. H. Ebeling, der Eigenthümer, macht es sich zur besonderen Aufgabe, alle seine werthen deutschen Kunden in ihrer Muttersprache zu bedienen und ist es sein stetes Bestreben, durch freundliche und zuvorkommende Bedienung ihre Kundenschaft und ihr Wohlwollen zu erwerben und zu erhalten.

Achtungsvoll zeichnet, F. H. G e l i n g,

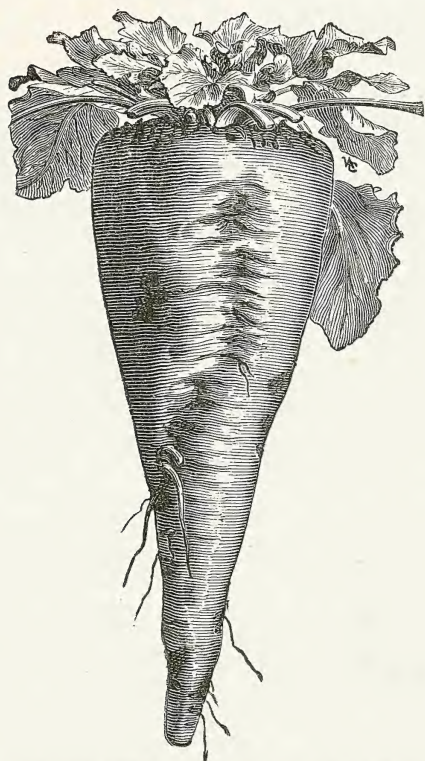
Eigenthümer des Perry Saamen-Laden,

217 Warrenstraße, Syracuse, N. Y. (dem neuen Postamt gegenüber).

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VILMORIN'S IMPROVED SUGAR BEET.  
For Beet Sugar.



ECLIPSE BEET.

### ASPARAGUS, *Spargel*.

	Per oz.	Per lb.
Barr's Mammoth.....	\$0 10	\$0 75
Palmetto .....	10	75
Conover's Colossal.....	10	40
Moore's Cross Bred, Roots per 100.	1 00	
Roots of other varieties, per 100....	1 00	

Special prices for quantities.

### VILMORIN'S IMPROVED IMPERIAL SUGAR.

A medium sized white sugar beet, which by the most careful selection has been brought to the highest perfection, both in the constancy of shape, size and color of the roots and their high sugar content. Greatly esteemed by sugar manufacturers.....

25

### BEET, *Runkel Rube*.

	Per oz.	Per lb.
Electric, turnip, red, very early,....	\$ 10	\$0 60
Detroit Dark Red Turnip (see p. 13)	10	60
Crosby's Egyptian early Forcing....	10	60
Edmand's Ex. Early .....	10	60
Early Bastian or Lentz.....	10	60
Eclipse Beet.....	10	60
Egyptian Turnip, extra early.....	10	60
Bassano, early.....	10	60
Dewing's Ex. early blood Turnip..	10	60
Lentz or Bastian .....	10	60
Improved Long Blood.....	10	45
Mammoth Long Red Mangel.....	10	20
Yellow Mammoth or Intermediate..	10	25
Yellow Ovid Giant .....	10	20
Yellow Globe, Mangel.....	10	25
Golden Tankard Sugar for table....	10	25
Taber's Gate Post, new mangel....	10	25
Swiss Chard, for greens.....	10	60

### BIRD SEED, Etc.

	Per lb.	3 lbs. for
Canary, best quality.....	10 cts.	25 cts.
Parrot Seed .....	10 "	"
Hemp, recleaned .....	10 "	"
Unhulled Rice .....	10 "	"
Sunflower .....	10 "	"
Rape .....	10 "	"
Millet .....	10 "	"
Maw .....	25 "	
Silver Washed Gravel, per pkg.	10 "	
Mocking Bird Food, per bottle..	30 "	
Bird Song Restorer, per bottle..	25 "	
Shepherd's Song Restorer....	25 "	
Audubon's Iron Bird Tonic....	25 "	
McAllister's Mocking Bird Food	30 "	
McAllister's Bird Lice Destroy'r	25 "	
Lettuce Seed for Birds, per oz.	10 "	
Cuttle Bone, per oz.....	05 "	
3 lbs. Bird Seed for.....	25 "	
Fish Food, package.....	10 "	
Lambert's Death to Lice.....	25 "	pkg.

Poultry Supplies and Bone Mills on last page.

Bei uns wird Deutsch gesprochen.

While we exercise the greatest care to have all seeds pure and reliable, we do not give any warranty, express or implied, and will not be in any way responsible for the crops. If the purchaser does not accept the Seeds on these conditions, they must be returned at once.



**BEANS, (Bush) *Garten Bohne*.**

	Per qt.	Per bu.
Golden Wax, improved.....	\$0 25	\$5 00
Ferry's Detroit Wax .....	25	5 00
Wardwell's Kidney Wax....	25	6 00
White Wax, flat yellow pods	25	6 00
Black Wax, yellow pods....	25	5 00
Golden Eyed Wax .....	25	3 50
Early Long Yellow, six we'ks	25	4 00
Burpee's Bush, Lima, large.	40	9 00
Dwarf Horticultural.....	30	5 00
Improved Valentine .....	25	6 00
Mohawk, one of the earliest	30	4 25
China Red Eye.....	20	4 00
Boston Yellow Eye.....	20	3 50
Refugee Pickling Bean.....	25	5 00
Improv'd Refugee or 1000 to 1	25	5 00
White Kidney.....	20	2 50
White Marrow.....	20	2 50

**BROCCOLI, *Spargel-Kohl*.**

Early, large (French).....	per oz.	30
South Hampton.....	"	30



TRUE ERFURT CAULIFLOWER.

**CAULIFLOWER, *Blumen-Kohl*.**

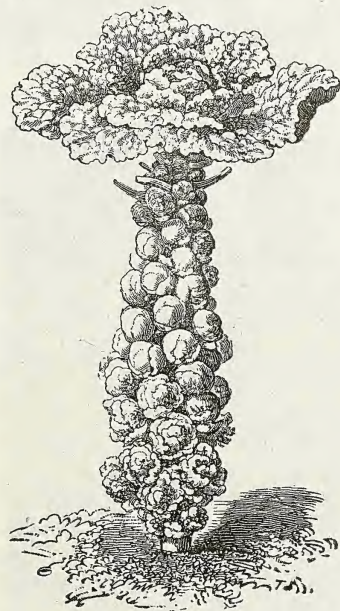
	Per oz.
Snowball, extra small leaf, fine.....	\$3 00
Dwarf, Erfurt, first quality, true....	3 00
Half Early Paris, large heads.....	75

**BEANS, (Pole or Runners)**

	Per qt.	Per bu.
Dreer's Golden Cluster Wax..	\$0 30	\$7 00
Black Wax, yellow pod.....	30	6 00
Lazy Wife, pole.....	30	6 00
Early Jersey Lima, "new".....	30	6 00
Platt's King of the Garden Lima.....	30	7 00
Siebert's Early Lima.....	30	7 00
Cranberry, Speckled or Goose Egg.....	30	6 00
Case Knife, white, flat .....	30	6 00
Scarlet Runner.....	40	8 00
White Dutch Runner.....	40	8 00
Onondaga Pole.....	25	5 00
Broad Windsor.....	40	

**BORECOLE or Kale. See Kale or Borecole.**

	Per oz.	Per lb.
Green Curled or Sea Kale..	\$0 20	\$2 00
Purple or Brown Kale.....	20	2 00



BRUSSELS SPROUT.

**BRUSSELS SPROUTS.***Rosen Kohl.*

	Per oz.	Per lb.
Dwarf, Fine French.....	\$0 20	\$2 25

**BARGAINS IN PLOWS.**

Bone Mills and Poultry Supplies.

See last pp.

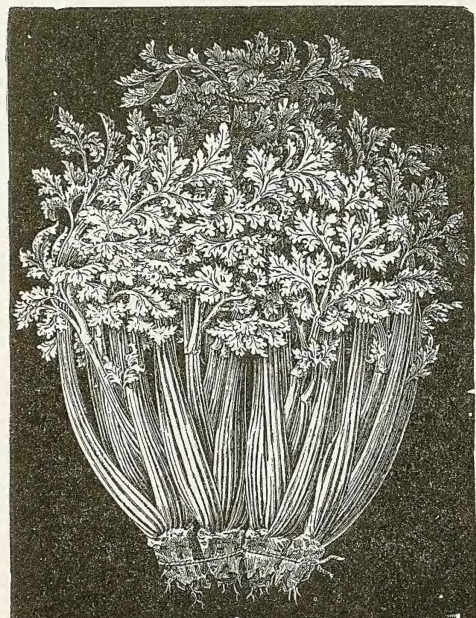




JERSEY WAKEFIELD.



PREMIUM BRUNSWICK, SHORT STEM.



WHITE PLUME CELERY.

**CABBAGE, *Kopf-Kohl*.**

	Per oz.	Per lb.
Etampes, early, pointed head.....	\$0 20	\$2 00
Henderson, early summer.....	25	2 00
Winingstadt, hard early.....	25	2 00
Early Jersey, Wakefield.....	25	2 50
Early Ox Heart, French.....	25	2 00
Sure head Cabbage.....	25	2 00
Filderkraut.....	25	2 00
Succession.....	25	2 50
Excelsior White Dutch, see pp. 13..	25	3 00
Perry's Premium Brunswick.....	25	2 50
Fotler Brunswick.....	25	1 50
Danish Ball Head, new.....	30	3 00
Hollander.....	30	3 00
Gregory's All Season.....	25	2 50
Extra Flat Dutch.....	25	1 50
Perry's Premium Flat Dutch.....	25	2 50
Drumhead (Improved).....	25	2 00
Stonemason Drumhead.....	25	2 50
Marblehead Mammoth.....	20	1 50
Bergen, large, very fine.....	30	3 00
Warren Stonemason.....	30	2 50
Allen's Faultless, new.....	25	3 00
Early, Dark Red, pointed.....	25	2 50
Red Dutch, "Erfurt".....	25	3 00
Large Red Drumhead.....	25	3 00
Large Auber Savoy, new.....	25	3 00
Globe Savoy, new.....	25	3 00
Victoria Savoy.....	30	3 00

**CELERY, *Sellerie*.**

Evans' Triumph.....	30	3 50
Henderson's Pink Plume, new, crisp..	40	3 50
Self-Blanching or White Plume, best..	30	2 00
Kalamazoo, large ribbed.....	30	1 50
Paris Golden Yellow, large, self blanching.....	40	3 50
Giant Paschal, large ribbed.....	20	2 00
White Giant, Solid.....	20	2 00
Boston Market.....	20	2 00
New Rose.....	30	3 00
Perfection Hartwell.....	30	3 00
Sandringham Dwarf, white.....	20	2 00
Golden Heart Half Dwarf.....	20	2 00
Celeriac, Root Celery, apple shape...	25	2 00
Soup.....	05	40

**CHICORY, *Chichorie*.**

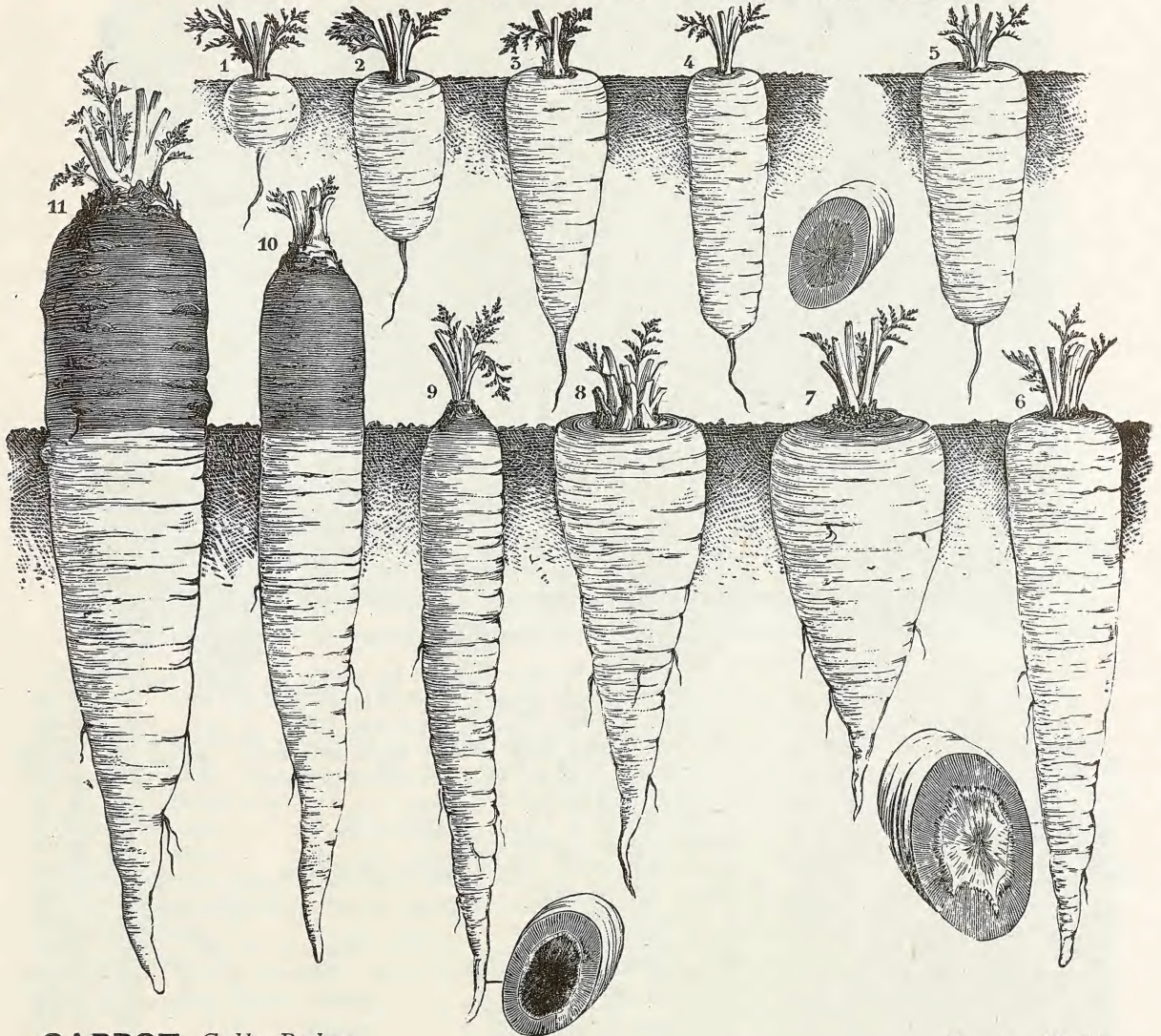
Improved Large Leaves for Greens...	15	1 00
Large Rooted for Coffee.....	15	1 00

Good Seed and Fertilizer make Fine Lawns. We can supply both.

Bone Mills and Poultry Supplies, pp. 63, 64, 65.



## This Cut Shows the True Shape of Carrots.



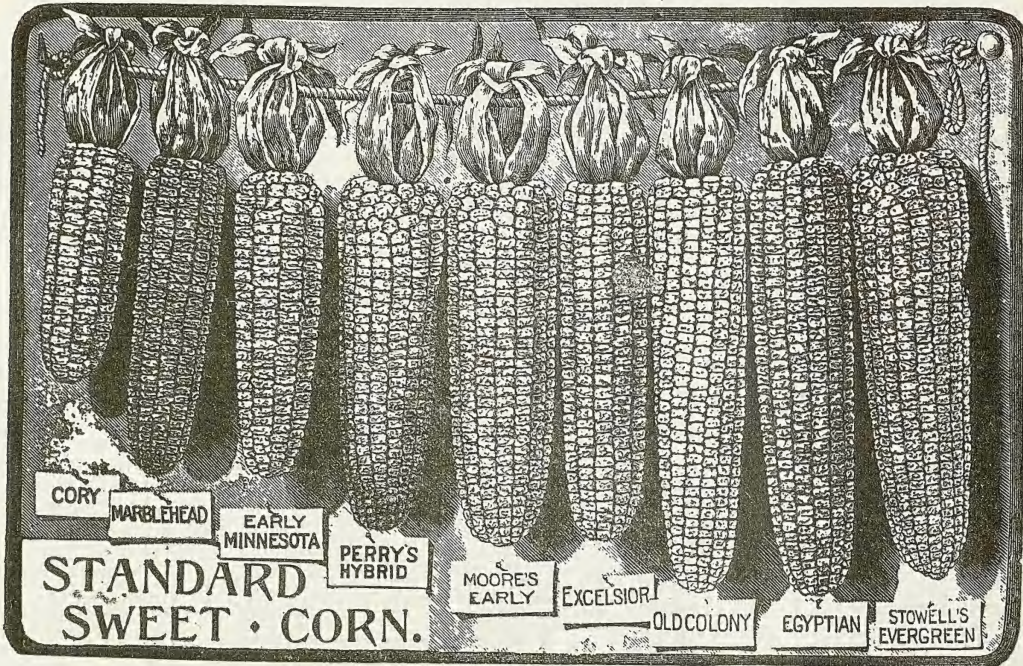
### CARROT, *Gelbe Ruben*.

	Per oz.	Per lb.
Oxheart (or Guerande).....	\$0 10	\$0 75
No. 1, Early Forcing, nearly round.....	10	75
" 2, Early Horn.....	10	65
" 3, Half Long Scarlet, pointed.....	10	75
" 4, Half Long Nantes.....	10	75
" 5, Half Long Danvers.....	10	60
" 6, Long Orange, below ground.....	10	60
" 7, Large White Vosges, for cattle.....	10	65
" 8, Half Long Pointed, James' new.....	10	65
" 9, Altringham, red for butter.....	10	50
" 10, Long Orange, green top.....	10	75
" 11, Large White Belgian.....	10	65
" 12, Chantenay Half Long.....	10	75
" 13, Meaux Long, stump rooted.....	10	75

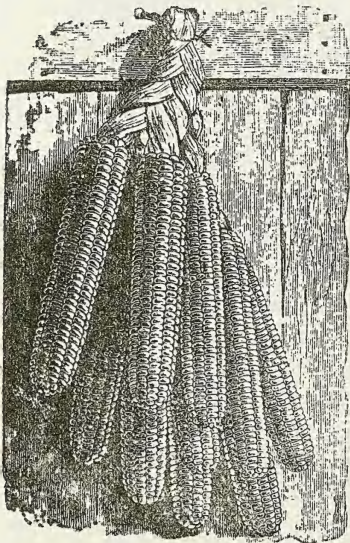
Call for our Plant Food, Lawn Seed and Lawn Dressing.  
Bargains in Plows.

Bei uns wird Deutsch gesprochen.





Special Price on Seed for Cash. Bargains in Plows.



		Add 16 cents per quart by mail.		Per qt. Per bu.	
Kendall's Early Giant, 10 to 16 rows, see pp. 13	\$	30	\$4 00		
Banana Cream, the sweetest and best		20	3 00		
Ne Plus Ultra, new, small, very sweet		20	3 00		
Mammoth White Cory, 12 row, new		25	6 00		
Cory Red, earliest		20	3 00		
Cory White		20	3 00		
Marblehead, extra early		20	3 00		
Perry's Hybrid, large, early, 12-rowed		20	2 50		
Early Minnesota		20	3 00		
Crosby Early		20	3 00		
Ballard's Red Cob		20	3 00		
Moore's Early Concord		20	3 00		
Asylum, large, fine		20	3 00		
Shaker's, large, early		20	3 00		
Egyptian, large, late		20	3 00		
Stowell's Evergreen, extra fine, true		20	3 00		
Shoe Peg Evergreen, Ne Plus ultra		20	4 00		
Country Gentleman		20	3 00		
Mexican Black		20	3 00		
Hickox's Improved Sugar		20	3 00		
Potter's Excelsior		20	3 00		
Mammoth Sugar		20	3 00		
Rice Pop Corn		10	1 50		
Angel of Midnight Corn			1 50		
Eight-Rowed Yellow			1 25		
Pride of the North					
Leaming, Early Fodder Corn					Market
Our Genuine "Sou" Fodder Corn					Price.
Evergreen Sweet Corn for Fodder					2 50

		Per oz. Per lb.	
<b>CORN SALAD, Ackersalat.</b> Large Round Leaved or Small Seeded	\$0 15	\$1 00	
<b>CHERVIL, Gartenkerbel.</b> Curled	20	2 00	
<b>CRESS OR PEPPERGRASS, Kresse.</b>			
Cress, Garden Curled	10	1 00	
Water Cress	20	2 00	
Dwarf, Fine Curled	10	1 00	





W. M. DOMBERGER

## GROUP OF CUCUMBERS

No. 1, Early Cluster; 2, Long Green; 3, Early France; 4, Early Russian; 5, White Spine; 6, Gen. Grant.		
<b>CUCUMBER, Gurke.</b>		
	Per oz.	Per lb.
Green Prolific, extra early .....	\$0 10	\$0 50
Early Russian .....	10	50
Early Frame .....	10	50
Early Cluster .....	10	50
White Spine, Improved extra stock .....	10	50
Early Boston Market, extra stock .....	10	50
Long Green .....	10	50
London, or Extra Long Green .....	10	50
Burpee's White Wonder, new .....	25	50
Parisian long White ridge .....	Per Packet	10



Giant Pera .....	20	
Telegraph per doz. seed .....	25	
West India Gherkin .....	25	
Marquis of Lorne .....	25	
<b>EGG PLANT, Eirpflanze.</b>		
Large Purple Egg Plant .....	35	4 00
New York Improved .....	35	4 00
Black Pekin .....	35	4 00

<b>ENDIVES, Endivien.</b>		
Green Curled Winter .....	20	1 50
Fine Curled Summer .....	20	1 50
Broad Leaf (or Escarola) .....	20	1 50

<b>HONEY LOCUST.</b> For hedges		20
<b>GARLIC, Knoblauch,</b> Sets	"	80

<b>KALE,</b> see Borecole .....		
<b>KOHL RABI.</b>		

White, above ground .....	25	3 00
Purple, " .....	25	3 00
<b>LEEK, Lauch.</b>		
London, broad flag .....	25	3 00
Large Rouen .....	25	3 00
Lentils (Linsen) .....	10	50



ENDIVE.

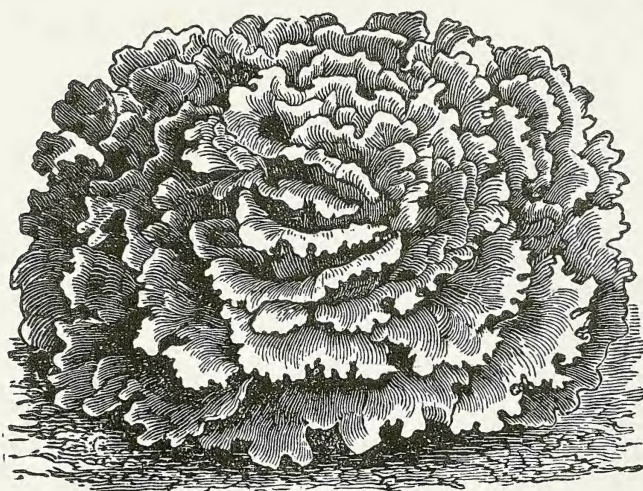
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**LETTUCE, *Salat.***

Per oz. Per lb.

Asparagus, "New," .....	\$ 30	\$3 00
Grand Rapids, new forcing. ....	20	3 00
Denver Market, early head lettuce. ....	20	2 50

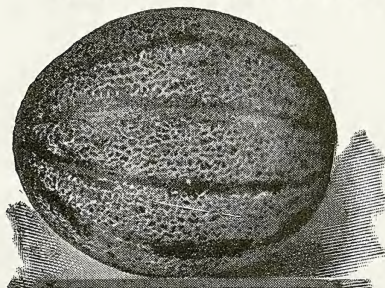


ONONDAGA LETTUCE.

Onondaga Market Garden, very best for Green House.....	20	2 00
Brown Dutch.....	20	2 50
Chartier.....	20	2 50
Green Fringed or Red Fringed.....	20	1 50
Boston Market.....	20	1 50
Satisfaction.....	20	2 00
Boston Curled, fine for hotbed.....	20	1 50
Early Curled Simpson, black seed.....	20	1 50
Early Curled, Silesian.....	20	1 50
Golden Stone.....	20	2 00
Ice Drumhead.....	20	1 50
Hanson Head.....	20	1 50
New York Head.....	20	2 00
Batavian Brown Head.....	20	1 50
India or Prize Head.....	20	1 50
Tennis Ball.....	20	1 50
White Cos.....	20	2 00

**MUSK OELON, *Melone.***

New Paul Rose, see page 13 for description. Best Market Melon.....	30	2 00
Grand Rapids Market Musk Melon, the largest early Melon out.....	20	1 00



PAUL ROSE MUSK MELON.

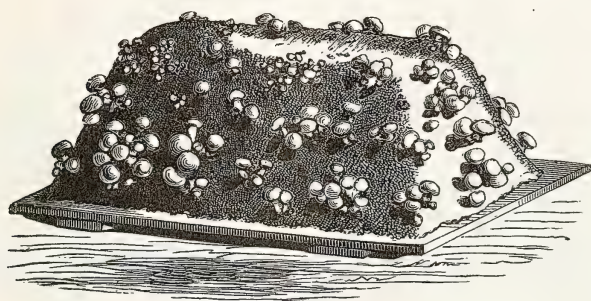
Surprise, round, yellow fleshed, medium size.....	10	75
Miller's Cream, very fine.....	10	75
Emerald Gem.....	10	75
Orange Christiana, "fine netted," yellow flesh.....	10	75
Osage, large western.....	10	75
Pineapple.....	10	75
Nutmeg, fine netted, extra early green, rich and sweet.....	10	75
White Japan.....	10	75
Cassaba, pointed, thick fleshed.....	10	75
Bay View, large, green fleshed, fine for a large melon.....	10	75
Large Nutmeg or Improved Cantelope, fine for market.....	10	75
Montreal Market Musk.....	10	75
Hackensack, very fine.....	15	75

**WATERMELON, *Wassermelone.***

Sweet Heart, early, large, handsome, heavy, see pp. 13 .....	10	1 00
Green & Gold, new fine.....	10	60
Seminole.....	10	60
Cuban Queen Extra.....	10	60
Phinney's Early, red flesh and solid; very prolific.....	10	60
Mountain Sweet, old favorite.....	10	60
Mountain Sprout.....	10	60
Black Spanish, round, dark green, with red flesh.....	10	60
Icings or Ice Cream, white seeded.....	10	60
Green Citron, for preserves.....	10	60
Scaly Bark, highly recommended.....	10	60
Kolb's Gem.....	10	60

**We can supply everything for the Lawn. Buy your Plows of us and save money.**





MUSHROOM SPAWN.

**MUSHROOM SPAWN.**

English.....	per lb.	\$0 25
French.....	per box \$1 25	2 00

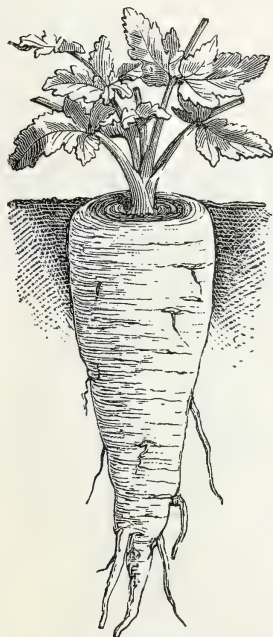
**MUSTARD, Senf.** Per oz. Per lb.

White.....	\$0 05	\$0 20
Brown .....	05	20

Per oz.

**MARTYNIA** for Pickles 40**NASTURTIUM, Kapusinerblume.**

Tall, see Fower Seed...	10
Dwarf .....	15



HOLLOW CROWN PARSNIP.

**OKRA or GUMBO, Essbarer.**

Dwarf, white.....	10
-------------------	----

**ONION, Zwiebel.**

Per oz. Per lb.

Prize Taker.....	15	\$2 00
Australian Brown, see pp. 14.....	25	3 00
Yellow Danvers, improved best stock.....	15	1 25
Early Red, extra early.....	15	1 50
Southport, Red Globe.....	15	3 00
Large Red Wethersfield.....	15	1 75
Bolton Seed produces the Bolton sets.....	30	3 00
White Silverskin, for bunching.....	25	3 00
Southport White Globe, very choice.....	35	3 00
Giant Rocca.....	30	3 00
Mammoth Silver King.....	30	3 00
Top Onion Sets,	Market	The price of Onion Seed is subject to change without notice.
Bolton,		
Yellow,		
White,		
Potato,		

**PARSLEY, Petersilie.**

Per oz. Per lb.

Champion Moss Curled.....	10	75
Fern Leaved.....	10	75
Extra Double Curled .....	10	75

**PARSNIP, Pastinake**

Long White.....	10	50
Hollow Crown, best for general use..	10	50

**PEPPER, Pfeffer.**

Rose Mammoth, very fine.....	40	3 00
Chili, very small for Pepper Sauce..	25	2 50
Bell or Ox Heart, rind thick, extra large .....	25	2 50
Ruby King, extra large .....	25	2 25
Cayenne.....	25	2 50
Mountain Sweet, for stuffed pickles	25	2 50
Golden Dawn, yellow .....	30	3 00
Golden Queen.....	30	3 00
Celestial, new, novelty.....	30	3 00
Red Cluster.....	20	3 00

**Pocket Knives and Razors.**

See our low priced New Lever Harrow.

**BARGAINS IN PLOWS.**

Bei uns wird Deutsch gesprochen.



**PEAS. Erbsen.****Extra Early Sorts.**

Per qt. Per bu.

Bergen Fleetwing, very fine, early.....	\$ 25	\$3 50
Cleveland's Alaska, one of the earliest blue peas .....	25	3 50
Rural New Yorker, very early, prolific.....	25	3 50
Earliest of All.....	25	3 50
Kentish Invicta, early, small.....	25	3 50
First and Best, very early, prolific.....	25	3 50
Perry's Forty-two Day, the best extra early.....	25	3 50
Philadelphia Extra Early, resembling First and Best.....	25	3 50
Carter's First Crop, 2½ feet.....	05	3 50
Improved Daniel O'Rourke, 2½ feet, a favorite among gardeners.....	25	3 50

**Dwarf Varieties.**

Nott's Excelsior, early, large and pod very prolific.....	\$ 30	\$4 50
*Blue Peter, green, smooth, 1 foot.....	30	5 00
*American Wonder, green, 1 foot, extra early and productive.....	30	4 50
*Premium Gems, very early, fine dwarf.....	30	3 75
*McLean's Little Gem, very fine, popular, 1 foot.....	30	4 00

**Second Early and Late Varieties.**

*Improved Stratagem, 1 to 2 feet, vigorous, one of the very best.....	\$ 35	\$4 00
*Paragon, double podded, great yielder, new very fine.....	30	3 50
*Bliss, Abundance.....	30	4 00
Bliss, everbearing.....	30	5 00
*McLean's Advancers True, long pods, fine quality, 2½ feet.....	25	3 00
*Champions, very fine, old favorite, 4 feet.....	25	3 00
*Horsford's Market Garden, good cropper, 2½ feet.....	30	3 50
*Telephone, the finest large second early pea in the market, 3 feet.....	30	4 50
*Yorkshire Hero, large, late, very productive, 2 feet.....	25	4 50
Melting Sugar, edible pods.....	30	5 00
Gray Sugar, edible pods.....	30	5 00
White Royal Dwarf Marrowfat 2 feet.....	15	2 50
Black Eyes, No. 1, very early and prolific, 3 feet.....	10	2 00
Canada Field.....	Market Price.	

Wrinkled varieties marked thus \*.

*These prices are subject to change without notice.***POTATOES. Kartoffel.**

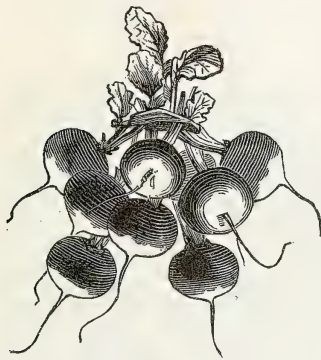
Ohio, Jr.....	} Price on Application.
Early June.....	
Early Maine.....	
Early Ohio.....	
Freeman.....	
Early Rose.....	
Beauty of Hebron.....	
Wright's Early.....	

**PUMPKIN SEEDS. Kurbiss.**

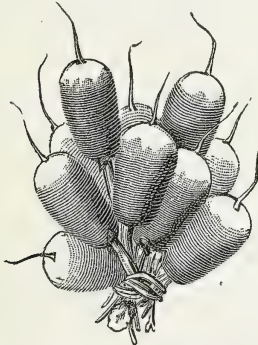
	Per Qt.	Per Bu.
Connecticut Field.....	\$ 10	\$2 00
Cheese Pumpkin.....	60	
Cashaw Pumpkin, fine table...	60	
Mammoth King.....	60	
Mammoth Pie, per packet.....	10	

**150,000** Berry Baskets for sale and Crates to match. We keep in stock the largest supply of Quart Berry Boxes and Thirty-two Quart Crates of any firm in Syracuse, and job them at bottom prices; don't forget us in the busy season when you need them in a hurry.

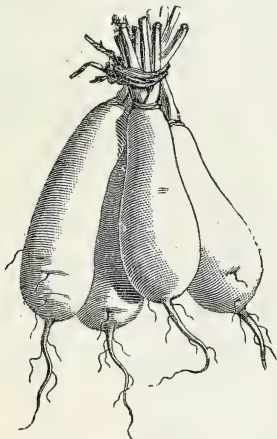




NE PLUS ULTRA.



FRENCH BREAKFAST RADISH.



CHINESE ROSE WINTER RADISH.

# THE FAXON SQUASH

**RADISH, Radischen.**

Our Radish Seed is the very best French Stock. Per oz. Per lb

Early Scarlet Globe. See pp. 14.....	\$0 10	\$0 75
Rosy Gem, see pp. 14.....	10	1 00
Ne Plus Ultra Deep Scarlet Turnip .....	10	75
Half Long, Deep Scarlet.....	10	75
Early Scarlet Turnip, white tipped.....	10	75
Early Deep Scarlet Turnip, forcing.....	10	75
Early White Box or Turnip.....	10	75
Early Deep Scarlet, olive shade, small top	10	75
White Olive Shaped or Newcome.....	10	75
Yellow Turnip, new.....	10	75
French Breakfast, white tipped.....	10	75
White Giant Stuttgart, summer.....	10	75
Short Top Scarlet, long, Wood's frame...	10	75
White Vienna, or Lady Finger.....	10	75
Chartier Long, white tipped.....	10	75
Scarlet Chinese Rose Winter, fall variety	10	75
Long Black Spanish, winter.....	10	75
White Giant Spanish.....	10	75
Gray Long, winter.....	10	75
White Strasburg or Hospital.....	10	75
White Russian, very large.....	10	75

**SALISFY, Bocksbart.**

Or Vegetable Oysters.....	10	1 00
Mammoth Sandwich Island, new.....	10	1 25

<b>SORREL, Large Leaved French.....</b>	<b>10</b>	<b>1 50</b>
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**SPINACH, Spinat.**

Prickly, fall, extra large.....	5	25
Round Leaf, Viroflay.....	5	25
Victoria, see pp. 14.....	5	25
Bloomsdale.....	5	25
Long Standing.....	5	25
☞ 25 to 100 lbs. lots special prices.		

**SQUASH, Kurbis.**

Golden Bush Scollop.....	10	65
Early Scollop, white.....	10	65
Giant Summer, Crook-neck.....	10	65
Hubbard, winter, extra stock.....	10	65
Boston Marrow, old variety, fall.....	10	65
Butman, nearly like Hubbard.....	10	65
Turban, excellent fall.....	10	65
New Essex Hybrid, fine flavor.....	10	65
Marblehead, like Butman.....	10	65
Brazillian, new, excellent green or ripe	10	65
Mammoth Chili.....	20	1 50
Cocoanut.....	20	1 00
Winter Crook-neck.....	20	75
Fork Hook, new.....	20	75
Canada Crook-neck, winter.....	10	75
The Faxon, new, very early.....	15	75

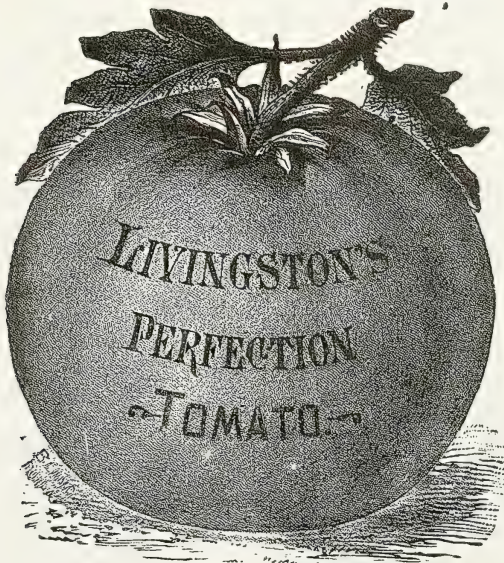
**TOBACCO SEED, Tabak Samen.**

Conneticut.....	40	4 00
Primus, new, very hardy, Virginia.....	2 00	----
Wilson's Hybrid Seed, sealed pack'gs	1 00	----
Haynes, sealed packages.....	1 00	----
Eureka.....	1 00	----

Bei uns wird Deutsch Gesprochen.

Special Discount for Cash.



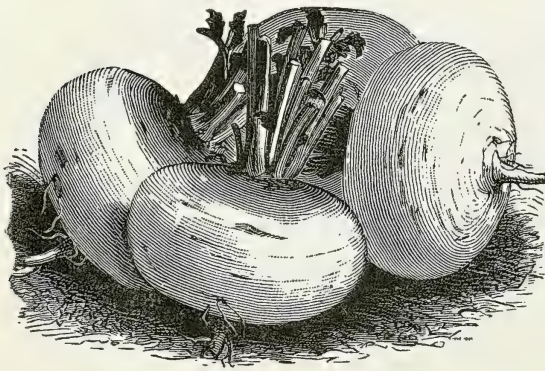


Yellow Plum.....	5c	paper
Plentiful, new.....	25c	"
Purple Husks.....	5c	"

TOMATO, <i>Liebesapfel</i> .			Per oz.	Per lb
Early Michigan, very early				
big yielder.....	\$0	30		\$4 00
Earliest of All.....		25		3 00
Early Ruby.....		25		3 00
Atlantic Prize.....		25		2 50
Ignotum, new.....		25		2 50
Prelude, extra early.....		25		2 00
Canada Victor.....		20		2 00
Dwarf Champion.....		25		2 50
Scoville's Hybrid.....		25		2 50
Livingston's Beauty.....		25		2 25
Livingston's Favorite.....		20		2 25
Livingston's Perfection.....		25		2 50
Climax, extra quality.....		20		2 00
Acme, true, extra stock.....		20		2 00
Lorrillard.....		25		2 50
Cardinal.....		25		2 00
Golden Trophy.....		25		2 00
Low's Essex Hybrid.....		25		2 00
Trophy, large and solid, true		25		2 25
Hathaway's Excelsior.....		25		2 00
Paragon.....		25		2 00
Ponderosa, very large, solid.		25		3 00
Strawberry or Ground Cherry		5c.		paper

TURNIP, <i>Steckrube</i> .			Per oz.	Per lb
Purple Top, flat strap leaf.....	\$0	10		\$0 40
Mammoth Purple Top Globe.....		10		50
Golden Ball or Orange Jelly.....		10		50
White Norfolk, large, fine				
summer globe shape.....		10		50
Henry Burt, the Gardner, says				
"your Early White Stone				
Turnip is the best I ever				
saw.".....				
Early White Stone.....		10		50

			Per oz.	Per lb
White Dutch.....	\$0	10		\$0 50
Yellow Aberdeen.....		10		50
White Sweet Waldo or Ger-				
man, one of the finest				
Rutabagas.....		10		50
Skirving's Rutabaga, purple				
top.....		10		50
Carter's Improved Swede,				
yellow.....		10		50
Laing's Improved Swede.....		10		50



EARLY STONE TURNIP.



KOHLE RABI.

## Parrot and Bird Seed. Choice Stock.

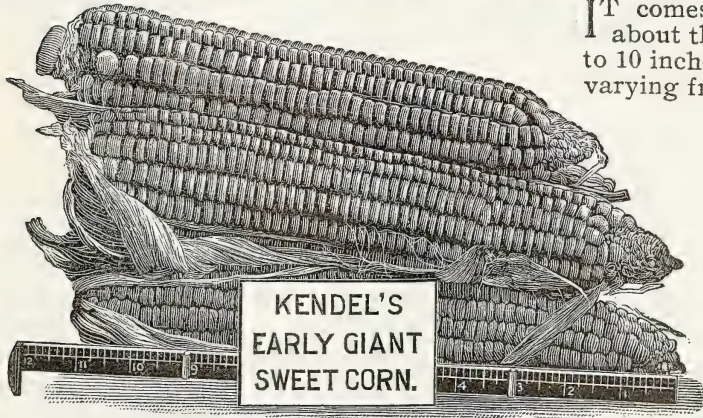
## SWEET HERBS.

		Paper			Paper
Anise, seeds aromatic.....	5c		Mint (Peppermint).....	5c	
Balm, has medicinal qualities.....	5c		Rosemary, aromatic.....	5c	
Basil Sweet.....	5c		Rue, medicinal qualities.....	5c	
Borage, leaves used for salad.....	5c		Saffron, medicinal qualities, also dye-		
Caraway seeds aromatic.....	5c		ing.....	5c	
Coriander, seeds aromatic.....	5c		Sorrel.....	5c	
Dill, seeds aromatic and medicinal.....	5c		Sage, culinary herb.....	5c	
Fennel Sweet seeds aromatic.....	5c		Savory Summer, culinary herb.....	5c	
Horehound, medicinal qualities.....	5c		Tarragon or Estragon.....		
Lavender, leaves aromatic.....	5c		Thyme, culinary herb.....	5c	
Marjoram, leaves used in seasoning.....	5c		Wormwood, medicinal qualities.....	5c	

Bei uns wird Deutsch Gesprochen.



# NEW THINGS FOR 1899



It comes in soon after Cory *begins*, and about the same time as Minnesota; ears 8 to 10 inches long and white; number of rows varying from 10 to 16, with the majority 12; kernels broad, white, sweet and running well to the tip and of excellent flavor; stalks short, bearing close planting and seeming to throw their whole strength into the ears, of which there are often two on one stalk, making it enormously productive. It was first introduced to the trade in 1897, though in limited quantities. We have received numerous letters extolling its great worth.

## Excelsior White Dutch Cabbage Seed. Late. Large, Round Solid Heads.

Has stood the trial test in this country during three years, and is highly recommended by leading growers and seedsmen. A word from an American market-gardener, who has been supplied by me with seed of the above Cabbage. Mr. Jacob Wride, market gardener, of Auburn, N. Y., writes under date of January 26, 1897: "In regard to the cabbage, *they were the best I ever raised*, and I have been raising cabbage for 20 years. The average weight was from 12 to 18 pounds, and they often weighed 25 pounds. They are good keepers and do not rot, as other kinds often do. The quality was of the best, and the color could not be better. I set 8,000 to try them, and will raise no other this year."

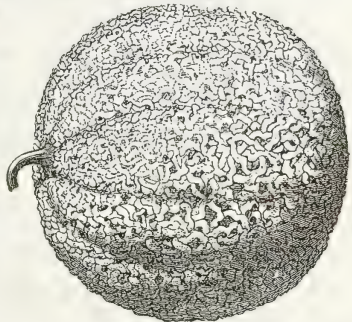
**Evan's Triumph Celery.** The stalks of this new variety do not grow as large with us as those of the Giant Pascal or Kalamazoo, but are larger than those of Boston Market or White Plume. It has a compact habit of growth and is a fine keeper. While it is crisp, brittle and tender, it has a stronger celery taste than any other variety. We recommend it as a good late keeping sort. Lb. \$3.50, oz. 30c.

**Banana Cream Sweet Corn.** This is rightly named. A most perfect sweet corn; delicious, tender and fine flavored variety. The finest later variety on the whole list of sweet corn. Qt. 25c, bu. \$3.50.

**Mammoth White Twelve Rowed Cory Corn.** The largest and best of all the first early sorts to be found. This is a great acquisition and will be greatly appreciated by the market gardeners. Price 25c, one-fourth bu. \$1.50.

**The New Musk Melon "PAUL ROSE."** Mr. Paul Rose writes:

"I have found in my experience of nearly twenty years in melon growing, that there is an increased demand in most of the large cities of the Northern States for salmon-fleshed melons, and further that the trade prefer their melons in the half-bushel climax basket. For this reason I have labored to bring this melon to perfection, and by what you have already seen and learned of it, and by what the trade says of it wherever it has been introduced you can judge whether I have succeeded in supplying the 'long felt want' or not. The Osage is too large for a basket melon. The Emerald Gem will not stand transportation or warm weather, besides it grows all sized melons on the same vine. The *Paul Rose* corrects these faults, and will carry farther, stand up longer, and give better satisfaction than any salmon-fleshed melon I have ever grown. It is the best melon I have found for the North. My experience



with it in Southern Indiana the past season was highly satisfactory except that it grows a little larger. I shall discard the Osage and plant the Paul Rose melon instead. This melon I shipped this season to Pittsburgh, Cleveland, Toledo, Indianapolis, Chicago and other distant points, and in every instance it arrived in good condition and sold for top prices." Pkt. 10c, 1/2 oz. 15c, oz. 25c.



**Choice Cauliflower Seed.** This we import all ways from the same growers and for several years have not had one failure. It will produce a greater number of perfect heads than any other strain of cauliflower we ever saw. Of all the varieties that have been tried in this market *our strain of Erfurt has given the best satisfaction*. We have our usual stock of Perry's Erfurt, also Long Island Beauty, Snowball, Denmark, and Half Early Paris. For prices see our list, page 3. We assure you the quality is always the same and no cheap seed offered you in its place. There is no better cauliflower seed in the market, even if you pay fancy prices for others. Our price is \$3.00 per ounce.



# NEW THINGS FOR 1899

## SUCCESS BARLEY.

This valuable new Barley originated with A. B. Jones, a successful barley grower in South Dakota. Mr. Jones has been experimenting for years in trying to get a good and productive Barley without the unpleasant and **sharp beards** possessed heretofore by all our best barleys. Everyone who has raised and fed barley knows the inconvenience of these sharp and troublesome beards. They not only make it unpleasant to handle, but are very injurious to animals in feeding, as they often get fast in the horse's mouth and under the tongue, causing injury and uneasiness to the animal and sometimes death. On this account many feeders have discontinued the use of barley, as it is almost impossible to get rid of these sharp beards. To get a variety that would grow without beards, and at the same time possess all the rich and nutritious qualities of our bearded sorts, has puzzled the brains of prominent agriculturists for years. This has finally been accomplished, after many trials and experiments, by hybridizing and cross fertilization with our most productive bearded varieties and the bald, hullless barley, which has little value for feeding purposes. **The Success** is a beardless variety. It is a **six-rowed barley of unusual length of head, well packed with solid, plump grains clear to the tips.** It is one of the first to ripen, hence valuable to plant either in the extreme North or extreme South, as well as in all other sections of the country.

**Its great productiveness.**—From a single head taken from our field the past summer we counted seventeen grains to the row, and as every head has six rows of grains, this would make at the rate of two hundred and four bushels to the acre, assuming two bushels were sown to the acre and every grain grew. Dividing this product by two, or taking one-half, it still leaves an enormous yield, or one hundred and two bushels to the acre. **It is undoubtedly one of our best yielders.**

## SWEET CORN.—“FIRST OF ALL.”

**The Earliest of All;—Earlier than the Early Cory.**

The single statement on the preceding line will make thousands of our customers eager to have the **FIRST OF ALL Sweet Corn**, which is ready for the table from *three days to a week earlier than the Cory*, making it very desirable not only for family gardens, but extremely valuable to grow for market, where the earliest corn always brings by far the highest price. The illustration, engraved from a photograph, reduced in size, shows the form of the ears, which are of medium size, well filled with large grains to the very tip. Many of the ears contain ten to twelve rows, while ears of the Cory Corn generally have only eight rows. In habit of growth it is rather dwarfier than the Cory, although similar in appearance, but *superior in quality*, tender and sweet. Per pkt. 10 cts.; pint 25 cts.; per quart 40 cts., postpaid.

## THE AUSTRALIAN BROWN ONION

is of medium size, wonderfully hard and solid, and most attractive for market, both as to form and appearance. They are **extremely early** in ripening, and *never make any stiff-necks or scullions*. Every seed seems to produce a good sized onion, and the bulb begins to form very quickly—when the plant is not over three inches high. Planted with the *Red Wethersfield*, it proved to be *nearly four weeks earlier* and ripened off more uniformly. It has the reputation of keeping indefinitely, and we think from its firmness and hardness that it **will keep in good condition longer than and other Onion known**. The color of the skin is a clear amber-brown.

## SPRING RYE.

We offer a fine crop of **SPRING RYE**, at \$1.25 per Bushel.

## SPRING WHEAT.

We can supply the **CHINA T SPRING WHEAT**, at market prices.

## SEED OATS.

We offer choice well cleaned, true to name, varieties of **SEED OATS** at reasonable prices.

## DWARF ESSEX RAPE.

The true **Dwarf Essex Rape** is valuable as a fattening food for pasturing sheep in autumn. It is particularly adapted as a “catch crop,” for it grows best late in the autumn. In the Northern States it can be sown at any time from May until the end of August, but in the Southern States it should not be sown until September or October for winter pasture. Its fattening properties are said to be twice as good as clover. Sow ten or twelve pounds per acre on drills fifteen inches apart. Per pkt. of 2 ozs. 10c.; per lb. 30c. postpaid by mail. By express or freight, 10c. per lb.; 25 lbs. for \$2.25; 50 lbs. for \$4.00.

## MAMMOTH PRIZE PIE PUMPKIN.

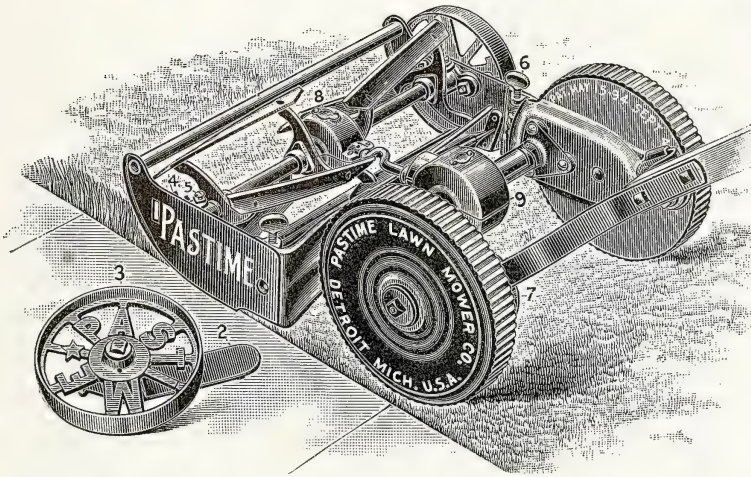
Weight 116 1-2 Pounds.

We offer the seed of this Monster Prize Pumpkin at 10 cents a package. This Pumpkin took first prize at our fair, and after exhibiting it in our window for a long time it was divided among our friends and several bakers, who all pronounced it the **Finest Pie Pumpkin** they ever used. This variety is of fine grain, thin shell, and will keep for a great length of time in any dry place.



# Mower and Trimmer Combined

SOMETHING ENTIRELY NEW.



The "PASTIME" cuts the grass within one-eighth of an inch of a tree, fence or walk, thereby necessitating **no trimming** with shears or sickle.

The "Old Style" will not cut within  $3\frac{1}{2}$  inches of a tree, fence or walk, and shears or sickle must be used to finish the lawn.

After going over entire lawn with mower (as shown in cut), you have only to remove side-wheel (see cut), which requires **five seconds**, and your mower is converted into a perfect trimmer, that will trim to one-eighth of an inch of any walk, fence, tree, etc.

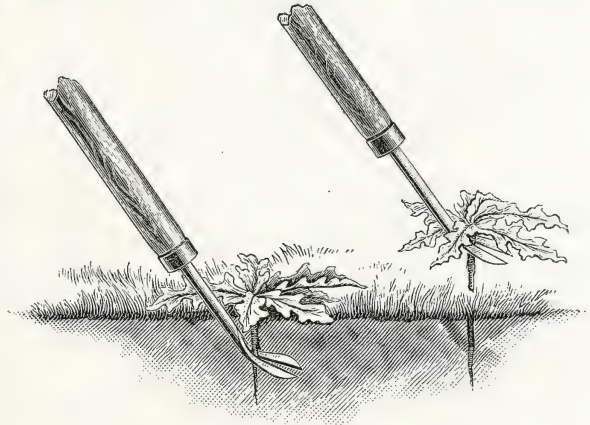
Both wheels are removable if double side trimmer is preferred, and the front of mower is then guided by the handle. The "PASTIME" with side wheels on cuts to within 2 inches, and off to one-fourth inch of walks, etc. **The large wheels of the "Pastime" NEVER go over unmown grass.**

## Weed Digger.

This ingenious device for the extraction of weeds from lawns, differs from all others now in use. Being forked, it comes on each side of the root, and the downward pressure brings the root into the crotch, where it is instantly cut. You then use the fork for lifting out the weed and throwing it into basket, and moving basket as you move along.

*The forks are made of STEEL, beveled to a knife edge, and can be kept sharp with a file.*

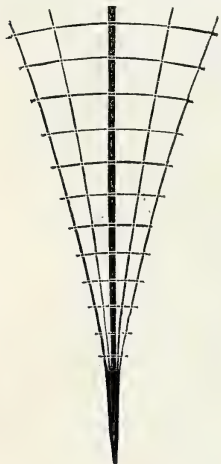
**DIRECTIONS:** Drive the Digger so as to cut the root, at least two inches from surface (as shown in cut). Before drawing out Digger twist it enough to break the earth about weed, so that weed will lift out without bringing any dirt with it.



## Urns, Vases and Settees.

We offer a fine variety of styles in various sizes suitable for lawns, front yards, cemeteries, parks, etc. These can be furnished to order on short notice, at reasonable prices.

For full particulars, write or call and see us.



## folding Plant Stands.

Something new. Prices low. Takes up little room when folded. Strong, handsome and durable.

## Trellises, in Wood and Wire.

We carry a large assortment of Trellises in wood and wire, in all lengths and widths. Special sizes made to order.

**40,000 SOLE TILE OFFERED AT A BARGAIN.**



# MISCELLANEOUS TOOLS, IMPLEMENTS, REQUISITES, TYING MATERIAL, ETC.

	Price.		Price.
<b>Asparagus Buncher</b> , Watts.....	\$ 3.00	<b>Pruners, Water's Tree</b> , 4 ft., 1.00; 6 ft., 1.25;	
<b>Axe</b> , handled.....	.75	8 ft., \$1.25; 10 ft., \$1.25; 12 ft., \$1.50; extra	
" mattock, 85c.; with handle.....	1.00	knives, each.....	\$ .20
<b>Bill Hook</b> , for shrubbery.....	1.25	<b>Raphia</b> , for tying. Per lb.....	.25
<b>Brush Hook</b> , ax handled.....	1.15	<b>Reels</b> , for garden lines.....	.50
<b>Dibbers</b> .....	.35	<b>Rakes, Steel Garden</b> , 35c.; 40c.; 45c.; 50c.....	
<b>Floral Tools</b> , set of 4, small.....	.50	" Wooden, Hay.....	.20
" set of 4, long handled.....	1.00	<b>Rakes for the Lawn</b> :	
<b>Forks, Digging</b> , 4 prong.....	.75	Lawn, wood and wire.....	.35 to .75
" " 5 prong.....	.85	<b>Automatic Self-cleaning</b> teeth.....	.75
" Manure.....	.75	<b>Saw, Pruning</b> , double edge.....	.60
" Hay.....	.35c. and .45	" " and chisel combined.....	.90
" Hand-weeding.....	.15	<b>Scythes, Lawn</b> , broad blades.....	1.00
<b>Fruit Picker</b> , wire.....	.75	" Grass, several lengths.....	.75
<b>Grafting Chisels</b> .....	.65	" Bush, short blades.....	.75
<b>Garden Lines</b> , 100 ft.....	.50	" Snath, (handled), patent fastening..	.75
<b>Glazing Points</b> , per 1,000.....	.65	<b>Scythe Stone</b> , round, 15c.; flat, 5c.....	
<b>Pincers</b> , for above.....	.50	<b>Scissors, Flower picking</b> .....	.75
<b>Gardening Tools.—Youth's set</b> :		" Grape thinning.....	.65
Spade, Hoe, Rake, Trowel, Hand-weeder,		<b>Shears, Ladies' light pruning</b> .....	.75
5 pieces.....	1.00	" pruning, solid steel, 80c.; 90c. and...	1.00
<b>Grafting Wax</b> , ¼ lb., 10c.; 1 lb.....	.25	" hedge, 8 in. blade.....	1.25
<b>Grass Hooks</b> , extra quality.....	.45	" " 9 in. ".....	1.50
<b>Hanging Baskets</b> , Rustic.—All prices.....		(with notch, to cut ½ in. branches, 25c. extra.)	
<b>Hatchets</b> , broad pruning.....	.65	<b>Shears, lopping</b> , for limbs of trees.....	2.00
<b>Hoes, Ladies'</b> .....	.25	<b>Shovels</b> , smooth back.....	.75
" Scuffle.....	.50	" round point, No. 2 size.....	.75
" Scuffle and Rake combined.....	.75	<b>Spades</b> , smooth back, No. 2 size.....	.75
" Warren, small size.....	.45	<b>Stakes, Round Green Tapering</b> .	
" Prong, or Potato Hook.....	.40	Each. Per doz. Per 100	
<b>Hoe and Rake combined</b> .....	.45	2 feet.....	3c. 25c. 1.75
<b>Hose Nozzle</b> , brass with spray, tip and stop-		3 ".....	5c. 50c. 3.50
cock.....	.75	4 ".....	7c. 75c. 5.00
<b>Hose Nozzle, Graduating</b> , spray and stream..	.50	5 ".....	8c. 90c. 6.50
<b>Hose Nozzle, " Bordeaux."</b> The best spray-		<b>Syringes, Solid Brass</b> .....	3.50
ing Nozzle.....	.75	<b>Thermometers</b> , for Green Houses, Dairy, In-	
<b>Hose Nozzle, Child's "Rainmaker,"</b> .....	.75	cubators and Brooders, Hot Houses, Hot	
<b>Hose Couplers, "Lightning"</b> .....	.25	Beds, &c. All prices.....	
<b>Hot Bed Mats, Burlap</b> Lined with wool and		<b>Tree Tubs</b> , All prices, see pp. 40..	
cotton waste, 6 x 6 ft. \$11.00 doz.....each	1.00	<b>Trellises</b> .....	.25c to 1.75
<b>Knives, Budding</b> : postage free.		<b>Trowels, ordinary</b> .....	10c; 6 in. 15
Ivory handles. Straight blade, long handle	1.00	" solid steel.....	.45
" " " short ".....	1.00	<b>Trowels Cleves' Angle</b> , very handy narrow	
" " Round " curved ".....	1.00	trowel.....small size, 20c; large size, 30	
<b>Knives, Pruning</b> , stag handles, medium size,	.75	<b>Watering pots</b> , galvanized iron, all prices....	
" " " large ".....	.85	<b>Watering pots</b> , common, all prices.....	
" " " double bladed,.....	1.00	<b>Weeders</b> , All prices.....	
<b>Knives, Asparagus</b> .....	.35	<b>Water Barrel and Truck</b> .—The barrel is	
<b>Labels Pot</b> , per 1,000.....	.90	raised from the ground, carried to the	
<b>Picks</b> , handled.....	.75	place desired and instantly detached, all	
<b>Plant Sprinklers, Rubber straight neck</b> ,...60 & .80		without handling. The weight being bal-	
" " angle ".....60 & .80		anced over the axle, no lifting or down	
<b>Putty Bulb, Rubber</b> , for glazing.....	.90	pressure is needed in transportation.....	7.00



## KEY TO TOOLS, ETC., ON FOLLOWING PAGES.

No.	Price.	No.	Price.
1 Solid Shank Hoe.....\$	30	50 English and American	
2 Notched Scuffle Hoe.....	1 00	Hooks.....	25 to 50
3 Narrow Hoe and Rake....	50	51 Steel and Malleable Gar-	
4 Socket Common Hoe.....	25	den Rakes.....	25 to 60
5 Trowel Shape Weeding Hoe	75	52 English Lawn and Grass	
6 Onion Hoe, "double end" ..	50	Scythe.....	50 to 1 25
7 Hoe and rake, several sizes	25	53 English and American	
8 Potato Hook, several sizes.	25 to 75	Spades.....	60 to 1 50
9 Secor Weeding Hook.....	20	54. Latest Pattern Steel Gar-	
10 Large Plantation Hoe.....	50	den Rakes.....	40 to 75
11 Thistle Spud.....	50	55. All styles of Shovels, large	
12 Thistle Spud for Lawns....	50 to 75	and small.....	25 to 75
13 Pruning Shears, all kinds..	40 to 1 50	56 Asparagus, Dock and Weed	
14 Hedge Shears, several sizes	1 00 to 1 75	Digger.....	30
15 Sheep and Grass Shears... 50 to 1 50		57 Weeders.....	50
16 Border Shears, with roller		58 Waters' Tree Pruner.....	75 to 1 25
or without.....	2 50 to 4 00	59 Steel Trowels.....	10 to 50
17 Spud for pulling vegetables,		60 Cleves' Angle Trowel....	15 to 25
etc. ....	1 00	61 Watering Pot.....	25 to 75
18 Patent English Weeder....	25	62     "     " extra length..	1 00
19     "     "     Scuffle Hoe	30 to 50	63-64-65-66 Weeders.....	15 to 30
20 Onion and Celery Plow,		67-78-69-70-71-72 Thermome-	
Firefly.....	2 50	ters.....	20 to 1 00
21 Tack Claw.....	15 to 25	73 Pruning Saws.....	75
22 Pruning and Wood Saws... 50 to 1 50		75-76-77-78-79 Syringes....	1 00 to 4 00
23 Mattock, several styles....	50 to 1 00	80 Double Leaf Rake.....	75
24 Transplanting Fork.....	15 to 40	81 Gardener's Mittens.....	50
25 Wire Leaf Rake.....	60	82 Small Ax.....	75
26 Narrow Mattock.....	75	83 Fumigator.....	1 25
27 Tree Pruners, several styles	1 00 to 3 50	84 Powder Gun.....	15 to 25
28 Steel Trowels, all grade.s..	10 to 60	85 Breen's Finger Spade.....	10
29 Flower Gatherer.....	50 to 1 00	86 Lang's Weeder.....	25
30 Lang's Patent Weeder.....	25	87 Glazier's Points, per box..	60
31 Trellis, all sizes.....	20 to 2 00	88     "     Pincers.....	40
32 Double Edge Pruning Saw... 75		89 Rubber Plant Sprinkler... 75 to 90	
33 Bill Hook.....	1 00 to 1 50	90 Putty Bulb.....	90
34 Garden Line Reel, very du-		91 Pedestal.....	2 50
rable.....	1 50	92 Lily Pot.....	40
35 Grape and other Scissors... 25 to 1 00		93 Hanging Log.....	25 to 75
36 English Lawn Rake.....	75 to 1 25	94 Oblong Lily Pot.....	60
37 Whittling and Pruning		95 Begonia Pot.....	25
Knives.....	50 to 1 25	96 Rustic Pot.....	50
38-39-40 English Pruning		97 Standard Flower Pots....	All prices.
Knives.....	50 to 1 25	98 Jardinier.....	All prices.
41-42 Budding and Grafting		99 Wire Pot Brackets.....	15 to 20
Knives.....	50 to 1 00	100 Hyacinth Glass.....	15
43 Grafting Chisel.....	75 to 1 00	101 Wire Plant Stand.....	3 00
44 English Pruning Hook Knife	1 00	102 Flower Pot and Cage	
45 Dibber for transplanting... 25		Bracket.....	15 to 1 00
46 Border Knives.....	60 to 1 25	103 Saucers, price according to	
47 Floral Sets of four pieces.. 50 to 75		size.....	
49 Warren Hoe, very practical	50	104 Wooden Tubs.....	1 00 to 3 00









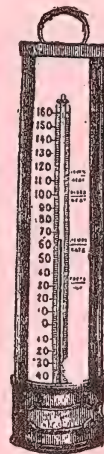
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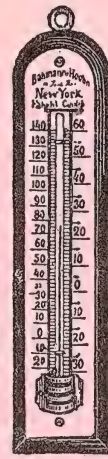


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PRUNING SAWS.



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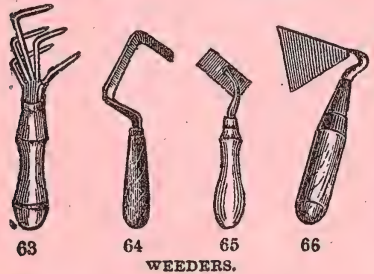
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TROWELS.

WATERING POTS.



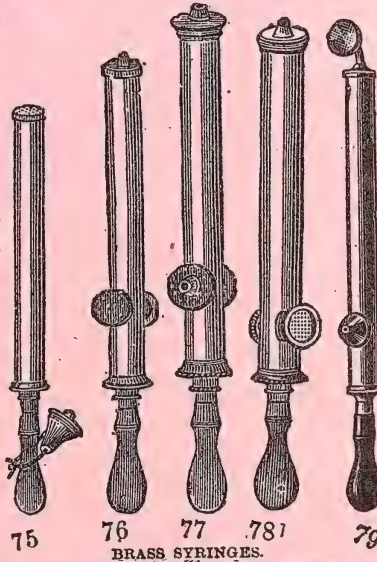
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WEEDERS.



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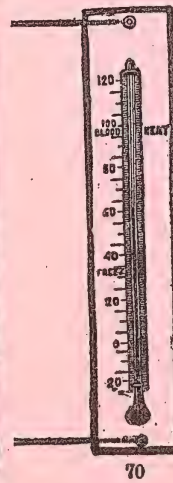
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BRASS SYRINGES.



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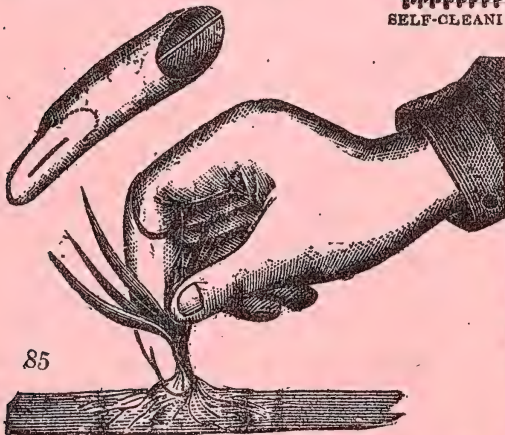


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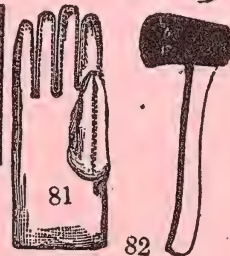


SELF-CLEANING LAWN RAKE.

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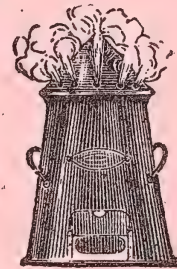


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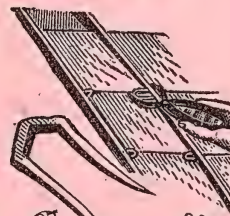
EUREKA FUMIGATOR.

83



POWDER GUN.

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88

GLAZING POINTS AND FINGERS



89

PLANT SPRINKLER.



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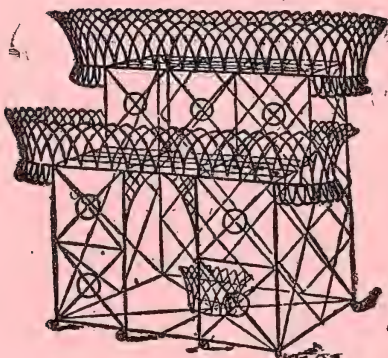
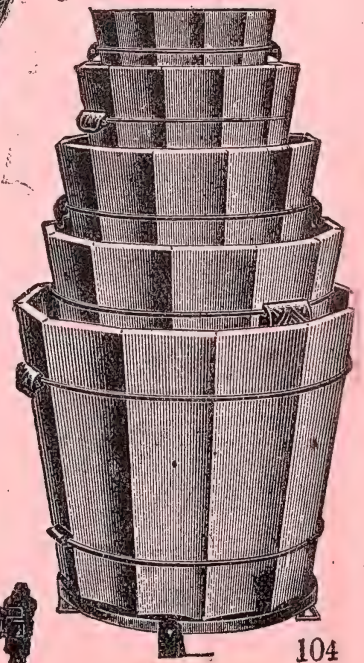
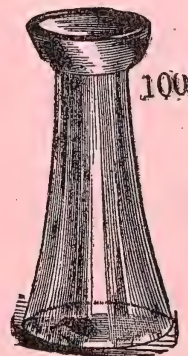
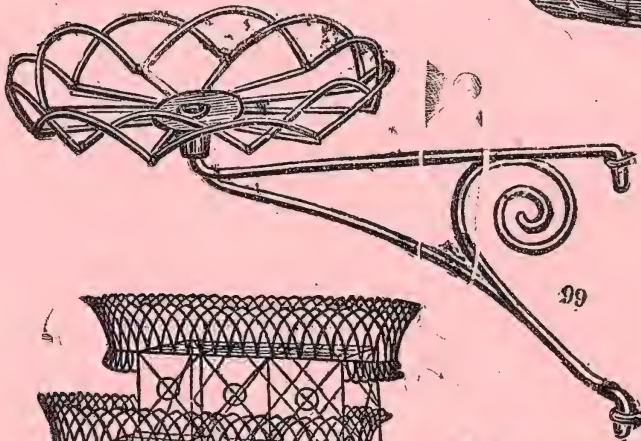
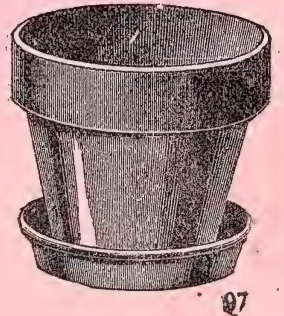
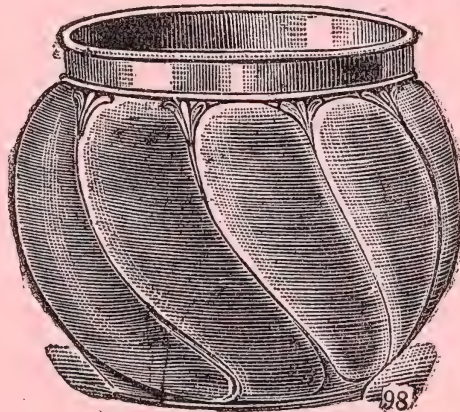
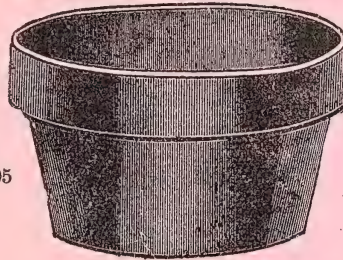
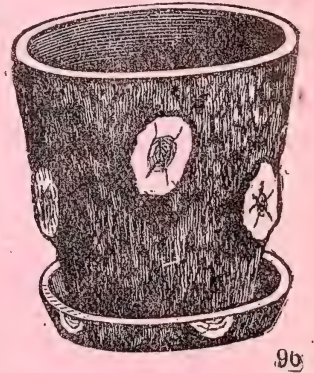
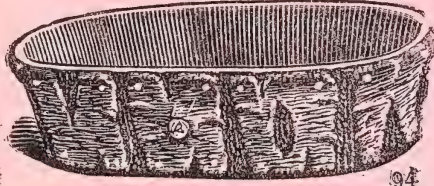
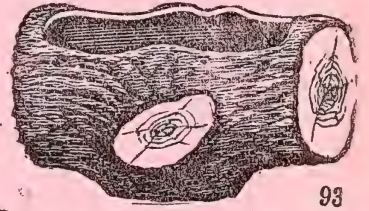
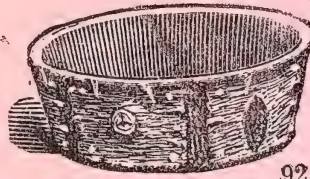
PUTTY BULB.



86

PAT APPLIED FOR.





TWO-SHELF STAND.

ONE-POT BRACKET.

TWO-POT BRACKET

FLOWER POT SAUCERS.



# FLOWER SEEDS.

## KEY TO CULTURE.

**A.** Sow for succession from April to June for summer and autumn blooming. Prepare the ground thoroughly by digging, adding a good supply of leaf mould or well rotted manure, making the surface fine and smooth.

**B.** Sow in gentle heat, in a well drained pot or pan of light soil. Sow thinly and cover lightly with a fine sandy soil. Shade from bright sunshine, and water when necessary through a fine rose watering pot. Transplant to open ground when all danger from frost is over. The seed may also be sown in a cold frame in April, or open boarded in the latter part of May, but will not flower so early. Transplant or thin out before the plant gets too large.

**C.** Sow from April to June, or in August, in a well prepared bed of light soil, covering the seed lightly. Keep clear of weed, and thin out the plants, if too thick, sufficiently early to allow them to develop their growth.

**D.** Sow in spring in a well drained pot or well prepared hotbed of light, peaty or sandy soil. Place in a moderately warm temperature. Shade from bright sunshine and keep moist, transplant when ground is in proper condition, or in open ground after May 10th for late flowers.

**E.** Sow in open border in April or May, and thinout or transplant, giving each plant plenty of room.

**F.** Sow at any time in a pot prepared as follows: Let the pot be one-third full of drainage or broken charcoal; over the rough siftings of mould, and the surface with very fine soil, half of which should be composed of fine, sharp sand; water with fine sprinkler; scatter the seeds thickly over the surface, cover very lightly; keep from direct rays of the sun. As soon as the plants show the third leaf, transplant into seed pans, three-fourths of an inch apart, giving a little air to strengthen them. When the plants begin to touch each other, they should be transplanted singly into small pots and keep them in a cool, airy part of the green house near the glass. Re-pot them when necessary.

The following portion of our catalogue, devoted to Flower Seeds, we have arranged both alphabetically and in columns, to enable any one to easily refer to the price and description of any variety desired.

## KEY TO COLUMNS.

The 1st column contains the name of the flower.

The 2d " " hardiness and duration.

The 3d " " height in feet.

The 4th " " color of flower.

The 5th column contains culture.

The 6th " " price per packet.

The 7th " " general observations.

## KEY TO ABBREVIATIONS.

b.,	blue.	dk.,	dark.,	mye.,	mauve.	spot.,	spotted.
bld.,	blood.	dp.,	deep.	mxd.,	mixed.	stri.,	striped.
blk.,	black.	gr.,	green.	or.,	orange.	sul.	sulphur.
br.,	brown.	lav.,	lavender.	pur.,	purple.	vr.	variegated.
bff.,	buff.	lf.,	leaf.	rose.	rose.	ver	vermillion.
car.,	carmine.	lt.,	light.	rd.,	red.	whi	white.
cr.,	crimson.	mar.,	maroon.	scar.,	scarlet.	ye	yellow.

## HARDINESS AND DURATION.

A.—Annual, lasting one year.

B.—Biennial, lasting two years.

P.—Perennial, lasting three or more years.

ev., evergreen.

g., greenhouse.

h. h., half hardy.

h., hardy

sh., shrub,

USE OUR PLANT FOOD AND LAWN DRESSING.



# SELECT FLOWER SEEDS.

NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
<b>Abobra viridiflora</b> .....	hhP	6	green.	E	5	<b>Abobra</b> .—A beautiful variety of climbing Gourd, with elegant foliage.
<b>Abronia umbellata</b> .....	hhA	½	rose.	D	5	<b>Abronia</b> .—Trailing Verbena like flowers.
<b>Aconitum napellus</b> .....	hP	2	blue&w.	C	5	<b>Aconitum</b> .—Monkshood.
<b>Acroclinium roseum</b> .....	hhA	1	rose.	E	5	<b>Acroclinium</b> .—Pretty everlasting flowers; should be cut before fully expanded.
“ <b>album</b> .....	“	1	white.	“	5	“
<b>Adlumia cirrhosa</b> .....	hA	15	pink.	“	10	<b>Adlumia</b> .—A beautiful climbing, fine foliaged plant, also known as Mountain Fringe and Alleghany Vine.
<b>Adonis æstivalis</b> .....	“	1	scarlet.	“	5	<b>Adonis</b> .—Showy border flowers.
<b>African Rose</b> .....	“	“	“	“	“	<b>African Rose</b> .—See Hibiscus.
<b>Ageratum mexicanum</b> .....	hA	1	blue.	B	5	<b>Ageratum</b> .—Continual bloomer, and fine for cutting. The dwarf varieties are very desirable for borders or edgings.
“ <b>Imperial Dwarf</b> .....	“	½	“	“	5	“
“ <b>nanum</b> .....	“	½	“	“	5	“
<b>Agrostemma Cœli Rosa</b> .....	“	1	rose.	A	5	<b>Agrostemma</b> .—Rose Campion.
<b>Agrostis nebulosa</b> .....	“	1	“	A	5	<b>Agrostis</b> .—Very fine for dried grasses.
“ <b>pulchella</b> .....	“	“	“	“	“	“
<b>Alleghany Vine</b> .....	“	“	“	E	“	<b>Alleghany Vine</b> .—See Adlumia.
<b>Alonsoa grandiflora</b> .....	hhA	1½	scarlet.	E	5	<b>Alonsoa</b> .—Very showy in blossom and of graceful habit: excellent for bedding.
<b>Alyssum maritimum</b> (sweet).....	hA	1	white.	“	5	<b>Alyssum</b> .—Excellent for pot or basket cultivation or for edgings in the flower garden. The perennial varieties are among the earliest and most attractive of spring flowers.
“ <b>saxatile compactum</b> .....	P	1	yellow.	“	5	“
“ <b>Wierzebecki</b> .....	“	1	w. & y.	“	5	“
<b>Amaranth</b> .....	“	“	“	“	“	<b>Amaranth</b> .—See Gomphrena.
<b>Amaranthus bicolor ruber</b> .....	hhA	3	var. lf.	“	5	<b>Amaranthus</b> .—Beautiful foliaged plants.
“ <b>caudatus</b> .....	“	3	“	“	5	A. <b>Salicifolius</b> and <b>Henderi</b> form elegant pot plants for greenhouse or conservatory and are much used for bedding. A. <b>caudatus</b> is the well-known “Love lies bleeding.” A. <b>cruentus</b> is better known as “Princess Feather,” A. <b>tricolor</b> as “Joseph’s Coat” and A. <b>melan.</b> as “Nun’s Whipping Post.”
“ <b>cruentus</b> .....	“	2	“	“	5	“
“ <b>melancolicus ruber</b> .....	“	1	“	“	5	“
“ <b>salicifolius</b> .....	“	3-5	“	“	10	“
“ <b>Henderi</b> (new).....	“	4	“	“	10	“
“ <b>tricolor</b> .....	“	2	“	“	5	“
<b>Amethyst</b> .....	“	“	“	D	“	<b>Amethyst</b> .—See Browallia.
<b>Ammobium alatum</b> .....	hA	2	white.	E	5	<b>Ammobium</b> .—White everlasting flowers.
<b>Anagallis grandiflora, Eugenie</b> .....	hhA	1	b. & w.	B	5	<b>Anagallis</b> .—Poor Man’s Weather Glass. Splendid for rock-work and borders.
“ <b>Napoleon III.</b> .....	“	1	crimson.	“	5	“
“ <b>grandiflora, fine mixed</b> .....	“	1	mixed.	“	5	“
<b>Anchusa augustifolia capensis</b> .....	hP	2	blue.	C	5	<b>Anchusa</b> .—Splendid for bouquets; long bloomer, azure blue forget-me-not like flowers; blossoms first year from seed.
<b>Angelonia grandiflora</b> .....	hP	1½	blue.	“	10	<b>Angelonia</b> .—Blue flowers; sweet scented.
<b>Animated Oat</b> .....	“	“	“	“	5	<b>Animated Oat</b> .—See Avena.
<b>Antirrhinum majus</b> .....	P	2	mixed.	B	5	<b>Antirrhinum</b> .—Snapdragon. Will bloom first season.
“ <b>majus nanum picturatum</b> .....	“	“	“	“	“	“
<b>Aquilegia, Single</b> .....	P	1½	“	C	5	<b>Aquilegia</b> .—Columbine. Pretty and very desirable for early spring flowering.
“ <b>Double</b> .....	“	1½	“	“	5	“
<b>Arctotis breviscapa</b> .....	hhA	1½	orange.	B	5	<b>Arctotis</b> .—Large orange flowers with dark centre.
<b>Argemone Hunnemannii</b> .....	hA	2	car. & yel.	A	“	<b>Argemone</b> .—Mexican Poppy.
<b>Artemesia gracilis</b> .....	“	4	“	“	“	<b>Artemesia</b> .—Highly decorative foliage plant.
<b>Aristolochia Sipho</b> .....	hB	30	y. & br.	D	“	<b>Aristolochia</b> .—Dutchman’s Pipe. A quick growing climber, with large heart-shaped leaves. Highly recommended.
<b>Asperula azurea setosa</b> .....	hA	1	blue.	A	5	<b>Asperula</b> .—Very sweet scented flowers and profuse bloomer.
“ <b>odorata</b> .....	hP	½	white.	“	10	“
<b>Aster, German quilled</b> .....	hA	2	mixed.	D	5	<b>Aster</b> .—The vast improvement made in the last few years by the English and German growers of this showy flower cannot be too highly spoken of. We refer especially to the different varieties of Truffaut’s Pæony-flowered and the New Washington Asters. The La Superbe varieties of the first-named are rightly termed, for in every respect they are truly superb.
“ <b>Dwarf Pyramidal Bouquet</b> .....	“	1	“	“	10	“
“ <b>Truffaut’s Pæony-fl’d Perfection</b> .....	“	2	“	“	10	“
“ <b>“ La Superbe</b> .....	“	2	rose.	“	10	“
“ <b>“ “</b> .....	“	2	sky b. & w.	“	10	“

Try Our Parrot and Bird Seeds.



NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
Aster, Truffaut's La Superbe.....	hA	2	pure wht.	D	10	<b>Aster.</b> No lover of these flowers can find anything so easily cultivated that would afford such genuine pleasure and satisfaction. The New Washington varieties are extremely beautiful, attaining a very large size averaging 4½ inches in diameter, and in delicacy of tints are unequalled. Aster seed should be sown early in the Spring in a hot-bed or window box and transplanted out-doors when the weather is warm, about 12 inches apart—the taller varieties a little farther apart and the dwarf varieties a little nearer together.
“ Dwarf Chrysanthemum.....	“	1	mixed.	“	15	
“ Large Rose-flowered.....	“	2½	“	“	15	
“ Cocardeau or Crown (w. centre).....	“	2	various.	“	15	
“ New Washington, white.....	“	2	white.	“	20	
“ Perennial, fine mixed.....	“	“	mixed.	“	5	
Avena sterilis.....	hA	2	“	C	5	<b>Avena.</b> —Animated Oats.
Balloon Vine.....	hhA	5	white.	B	5	<b>Balloon Vine.</b> —Love-in-a-puff; climbing plant for house or garden.
Balsam, Double Extra.....	hA	1½	mixed.	B	10	<b>Balsams.</b> —Our balsams have been selected with great care and we feel certain that they will please our customers. <b>The Double Rose-flowered White Balsam</b> is of unequalled purity and in great demand among florists. <b>The Double Victoria White Scarlet Spotted</b> is very delicate in color and will become a great favorite.
“ Double Rose flowered.....	“	2	“	“	10	
“ Double Rose flowered, white.....	“	2	white.	“	10	
“ Double Camellia flowered.....	hA	2	mixed.	“	10	
“ New Carnation-striped.....	“	2	“	“	10	
“ Double Solferino.....	“	2	w. spt., str.	“	10	<b>The Double Victoria White Scarlet Spotted</b> is very delicate in color and will become a great favorite. <b>Bean.</b> —Climbers, bearing clusters of dazzling scarlet, and pure white flowers. <b>Bellis.</b> —Double Daisy.—Very handsome spring flowering plant. <b>Brachycome.</b> —Swan River Daisy. <b>Briza.</b> —Quaking Grass. <b>Bromus.</b> —Ornamental Grass for winter bouquets. <b>Browallia elata.</b> —Is one of the finest of the few blue flowers, either for pot or garden culture, and useful for cutting for bouquets. <b>Bryonopsis.</b> —Climber, producing green fruit, which subsequently turn to brilliant scarlet, striped with white. <b>Cacalia.</b> —Tassel Flower. <b>Calampelis.</b> —A good climber, flower tube shaped. <b>Calandrina.</b> —Very desirable for pot plant; also for rockeries. <b>Calceolaria.</b> —Lady's Slipper. Saved from the very choicest varieties of the finest collections. <b>Calendula.</b> —Cape Marigold. <b>Calendula Off. Meteor.</b> <b>California Poppy.</b> —See Eschscholtzia. <b>Calliopsis.</b> —Very showy and continues to bloom a long time. <b>C. Drummondii</b> is admirably adapted for borders. <b>Callirrhoe.</b> —Profuse bloomer, continuing throughout the season. <b>Campanula.</b> —Canterbury Bell, will bloom first year if sown early. <b>C. speculum</b> , Venus Looking Glass. <b>Canary Bird Vine.</b> —See Tropæolum canariense. <b>Candytuft.</b> —See Iberis. <b>Canna.</b> —Indian Shot. <b>C. Nigricans</b> has very dark foliage. <b>C. Zebrina</b> has striped foliage. The kinds catalogued are selected as the best of many varieties, especially for centres of beds containing ornamental foliage plants. <b>Canterbury Bell.</b> —See Campanula. <b>Cardinal Flower.</b> —See Lobelia. <b>Cardiospermum.</b> —See Baloon Vine. <b>Carnation.</b> —See Dianthus. <b>Castor Oil Bean.</b> —See Ricinus. <b>Catchfly.</b> —See Silene.
“ Victor.....	“	2	w., sc. sp.	“	10	
Bartonia aurea.....	hA	1	yellow.	E	5	
Bean, Scarlet Runner.....	“	15	scarlet.	A	5	
“ White, “.....	“	15	white.	“	5	
Bellis Perennis, fl. pl.....	hP	¼	mixed.	C	5	
Brachycome iberidifolia.....	hhA	1	mixed.	D	5	
Briza compacta.....	hA	1	“	A	5	
“ maxima.....	“	1	“	“	5	
Bromus brizæ formis.....	hP	1	“	C	5	
Browallia elata.....	hhA	1½	mixed.	D	5	
Bryonopsis laciniosa erythiocarpa.....	hhA	5	red	D	10	
Cacalia coccinea.....	hA	1½	scarlet.	E	5	
Calampelis scabra.....	hhA	8	orange.	D	5	
Calandrina discolor.....	hA	1	rose.	E	5	
“ grandiflora.....	“	1	rosy pink.	“	5	
“ umbellata.....	“	¼	crim. violet	“	5	
Calceolaria hybrida, large flowered.....	gP	2	mixed.	F	25	
“ James' Prize splendid.....	“	1	“	“	25	
Calendula pluvialis.....	hA	1	w.b. und'th	A	5	
Calendula Officinalis “Meteor”.....	“	1	lt. orange.	“	10	
California Poppy.....	“	“	“	E	5	
Calliopsis Drummondii.....	hA	1½	pur. & yel.	“	5	
“ bicolor nana.....	“	1½	mixed.	“	5	
Callirrhoe pedata nana.....	“	2	mixed.	“	5	
Campanula medium, single.....	hP	2	“	C	5	
“ speculum.....	hA	½	mixed.	“	5	
Canary Bird Vine.....	hhA	10	yellow.	D	10	
Candytuft.....	“	“	“	E	5	
Canna, Finest mixed.....	hhP	“	mixed.	D	5	
“ Nigricans.....	“	“	red.	“	10	
“ Zebrina.....	“	“	scarlet.	“	10	
Canterbury Bell.....	“	“	“	C	5	
Cardinal Flower.....	“	“	“	B	5	
Cardiospermum Halicacabum.....	hhA	5	white.	“	5	
Carnation.....	“	“	“	A	5	
Castor Oil Bean.....	“	“	“	D	5	
Catchfly.....	“	“	“	E	“	



NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS:
<i>Celosia, cristata nana</i> .....	hhA	1	crimson.	B	5	<i>Celosia</i> .—Cockscomb, showy plant, producing large combs of crimson or yellow flowers.
“ feathered.....	“	1	mixed.	“	5	
“ japonica.....	“	2	scarlet.	“	10	
<i>Centaurea candidissima</i> .....	hhP	1	silver fol.	E	15	<i>Centaurea</i> .—Dusty Miller; silver leaved foliage plants, extensively used in borders and bedding. Pick the buds off as they appear. They should not be allowed to flower if a thick mass of foliage is desired. <i>C. moschata</i> .—Sweet Sultan.
“ gymnocarpa.....	“	1½	“	“	15	<i>C. cyanus</i> .—Batchelor's Button.
“ moschata.....	hA	2	blue.	“	5	
“ cyanus.....	“	2	mixed.	“	5	
<i>Centranthus macrosiphon</i> .....	“	1½	red	E	5	
<i>Chamæpeuce casabonæ</i> .....	hhP	1	orn. fol.	D	10	<i>Chamæpeuce casabonæ</i> .—Handsome thistle-like foliage plants with dark green leaves, veined with white.
<i>Chrysanthemum, carinatum album</i> ....	hA	..	white.	F	5	<i>Chrysanthemum</i> .—Free blooming flowers lasting late in the season, long after many other flowers are faded.
“ idicum pompone, d'l fl'd	hhP	2	dbl. white.	“	10	<i>C. idicum pompone</i> is very double, pure white and a constant bloomer; excellent for cut flowers.
<i>Cineraria hybrida choice mixed</i> ....	gP	2	various.	“	25	<i>Cineraria</i> .—Beautiful compact flowering plants, of crimson, magenta and purple colors.
<i>Clarkia, best mixed</i> .....	hA	1½	mixed.	E	5	
<i>Clematis, fine mixed</i> .....	hP	10	“	C	10	<i>Clematis</i> .—Fine climbing vines.
<i>Cliaanthus Dampieri</i> .....	A	2	sc. & blk.	A	25	<i>Cliaanthus</i> .—Should be started early in order to prove most successful. Flowers: dazzling scarlet and black
<i>Cobæa scandens</i> .....	hhA	20	purple.	B	10	<i>Cobæa</i> .—To attain full growth should be started in pots. Very rapid climber.
<i>Coccinia Indica</i> .....	hhP	6	red.	C	10	<i>Coccinia</i> .—Gourd family. Fruit scarlet.
<i>Cockscomb</i> .....	“	“	“	B	“	<i>Cockscomb</i> .—See <i>Celosia</i> .
<i>Coix lacryma</i> .....	hA	1½	“	A	5	<i>Coix</i> .—Job's Tears.
<i>Collinsia</i> .....	“	1½	mixed.	E	5	<i>Collinsia</i> .—Purple, blue and white flowers; very pretty.
<i>Columbine</i> .....	“	“	“	C	“	<i>Columbine</i> .—See <i>Aquilegia</i> .
<i>Convolvulus major</i> .....	hhA	10	finestmix'd	E	5	<i>Convolvulus Major</i> .—Morning Glory, tall; <i>C. Minor</i> , Morning Glory, dwarf.
“ tricolor minor.....	“	1	“	D	5	<i>C. Mauriticanus</i> for hanging baskets.
“ Mauriticanus.....	hP	..	blue.	C	10	
<i>Coreopsis</i> .....	“	“	“	E	“	<i>Coreopsis</i> .—See <i>Calliopsis</i> .
<i>Cosmanthus fimbriatus</i> .....	hA	1	lilac & w.	“	5	<i>Cosmanthus</i> .—Flowers fringed and pretty, plant spreading.
<i>Cosmidium Burridgeanum</i> .....	“	2	cr., br. & yel	“	5	<i>Cosmidium</i> .—Flowers large and showy, similar to <i>Coreopsis</i> .
<i>Cucumis</i> .....	hhA	6	fine mixed.	B	5	<i>Cucumis</i> .—Ornamental Cucumber. <i>C. flexuosus</i> .—Snake Cucumber, bearing fruit three feet long. <i>C. dipsaceus</i> .—Teasel-formed.
“ flexuosus.....	“	“	“	“	“	
“ dipsaceus, teasel-formed.....	“	“	“	“	“	
<i>Cucurbita</i> .....	hhA	6	fine mixed.	E	10	<i>Cucurbita</i> .—Ornamental Gourd. <i>C. leucantha depressa</i> .—Green Fruit. <i>C. longissima</i> .—Curious fruit five feet long.
“ leucantha depressa.....	“	“	“	“	10	
“ longissima.....	“	“	“	“	10	
<i>Cyclamen persicum</i> .....	hhP	1½	fine mixed.	B	50	<i>Cyclamen</i> .—Green house plants, very handsome bloomers.
<i>Cypress Vine</i> .....	“	“	“	“	“	<i>Cypress Vine</i> .—See <i>Ipomæa Quamoclit</i> .
<i>Dahlia, double</i> .....	hhP	..	finestmix'd	E	5	<i>Dahlia</i> .—Saved from the largest flowering and most double sorts.
“ single.....	hA	..	“	“	10	
<i>Daisy, double</i> .....	“	“	“	C	5	<i>Daisy</i> .—See <i>Bellis</i> .
<i>Datura fastuosa, finest double</i> .....	hA	3	mixed.	E	10	
<i>Delphinium (Larkspur)</i> .....	“	“	“	C	“	<i>Delphinium cashmerianum</i> .
“ double, dwarf rocket.....	hA	1½	“	“	5	
“ double branching.....	“	2	“	“	5	
“ Perennial sorts.....	hP	3-4	“	“	5	
“ nudicaule.....	“	1½	scarlet.	“	5	<i>D. nudicaule</i> .—The finest perennial Larkspur, of dwarf compact growth, with abundant brilliant scarlet flowers.
“ elatum.....	“	5	mixed.	“	5	
“ formosum.....	“	2	blue&whit.	C	5	<i>Delphinium</i> .—The seed of the perennial sorts should be sown in spring; the plants will then become strong by fall and flower the following summer.
<i>Devil-in-a-bush</i> .....	“	“	“	A	5	<i>Devil-in-a-bush</i> .—See <i>Nigella hispanica</i> .
<i>Diamond Plant</i> .....	“	“	“	B	5	<i>Diamond Plant</i> .—See <i>Mesembryanthemum</i> .
<i>Dianthus, Pink</i> .....	“	“	“	C	“	<i>Dianthus barbatus</i> .—Sweet William, will bloom the first year if sown early. <i>D. Chinensis</i> , Chinese Pink.
“ barbatus, single.....	hP	1½	mixed.	“	5	
“ double.....	“	1½	white.	“	10	
“ Caryophyllus (Carnation).....	hhP	2	finestmix'd	F	25	<i>D. carnation grenadin</i> .—“For Florists” purposes and sale plant this fine and floriferous carnation is invaluable.”
“ Clove Pink.....	“	2	mixed.	“	10	“It blooms three weeks earlier than any other variety, and furnishes a profusion
“ picotee.....	“	2	finestmix'd	“	25	
“ perpetual or tree.....	“	2	“	“	25	
“ grenadin.....	“	2	bril. scar.	“	15	

Our Flower Seeds are Choice Imported Stock.



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<i>Dianthus</i> , chinensis fl. pl. ....	hA	1	mixed.	D	5	of charming double flowers of brilliant scarlet. Being of dwarf and compact habit it is excellent for borders or masses.
“ Imperial. ....	“	1	“	“	10	“
“ Heddeewigi, double. ....	“	1	finestmix'd	“	10	“
“ “ laciniatus. ....	“	1	“	“	10	“
<i>Digitalis</i> , Foxglove, lutea. ....	hP	3	mixed.	C	5	<i>Digitalis</i> , Foxglove.—Stately and ornamental growing plants; succeeding well in half shady places.
<i>Dolichos</i> Lablab. ....	“	“	mixed.	A	“	<i>Dolichos</i> .—Aoid climbing plant, with large clusters of handsome flowers, producing, later in the season, in place of the flowers, pods of a deep purple color; very ornamental.
“ Hyacinth Bean. ....	hA	10	“	“	5	“
<i>Elichrysum monstrosum</i> . ....	hhA	2	mixed.	B	5	<i>Elichrysum</i> .—Everlasting or Eternal! Flowers. Should be cut before the flowers are fully expanded and dried in the shade, if desired to be saved for winter bouquets.
<i>Eragrostis elegans</i> . ....	“	2	“	B	5	<i>Eragrostis</i> .—Love Grass, for dried bouquets.
<i>Erysimum Arkansanum</i> . ....	hA	1	yellow.	A	5	<i>Erysimum</i> .—Showy annuals for borders or masses.
“ Peroffskianm. ....	“	1½	orange.	“	5	“
<i>Erianthus Ravennæ</i> . ....	hP	10	“	C	10	<i>Erianthus</i> .—A superb grass, resembling Pampas grass.
<i>Eschscholtzia californica</i> . ....	hA	1	yellow.	E	5	<i>Eschscholtzia</i> .—California Poppy.
<i>Eucharidium grandiflorum</i> . ....	“	1	mixed.	“	5	<i>Eucharidium</i> .—Pretty flowering annuals similar to Clarkia.
“ “ “ ....	“	2	white.	“	5	“
<i>Euphorbia variegata</i> . ....	“	2	“	E	5	<i>Euphorbia</i> .—Variegated foliage.
<i>Fenzlia dianthiflora</i> . ....	“	¼	rosy lilac.	“	10	<i>Fenzlia</i> .—Splendid dwarf growing plant, suitable for small vases or pots, rustic work or windows. Remains in bloom a long time.
<i>Feverfew</i> . ....	“	“	“	E	5	<i>Feverfew</i> .—See <i>Matricaria</i> .
<i>Forget-me-not</i> . ....	“	“	“	D	5	<i>Forget-me-not</i> .—See <i>Myosotis</i> .
<i>Four o'clock</i> . ....	“	“	“	A	5	<i>Four o'clock</i> .—See <i>Mirabilis</i> .
<i>Foxglove</i> . ....	“	“	“	C	5	<i>Foxglove</i> .—See <i>Digitalis</i> .
<i>Gaillardia picta</i> . ....	hhA	1½	yellow.	A	5	<i>Gaillardia</i> .—Very showy flowering plants, adapted for bedding, also charming for pot plants.
“ “ “ ....	“	1½	mixed.	“	5	“
<i>Gilia</i> . ....	hA	1	finestmix'd	A	5	<i>Gilly Flower</i> .—See <i>Ten Weeks Stock</i> .
<i>Gilly Flower</i> . ....	“	“	“	B	5	<i>Globe Amaranthus</i> .—See <i>Gomphrena</i> .
<i>Globe Amaranthus</i> . ....	“	“	“	“	5	<i>Gloxinia</i> .—Stove house plants of great beauty.
<i>Gloxinia French hybrida</i> , saved from choicest flowers. ....	“	1	mixed.	F	50	<i>Godetia</i> .—Excellent free blooming plants, very desirable for beds, borders and ribbons.
<i>Godetia rubicunda</i> . ....	hA	1½	rose.	A	5	“
“ finest mixed. ....	“	1½	mixed.	“	5	“
<i>Golden Eternal Flower</i> . ....	“	“	“	A	“	<i>Golden Eternal Flower</i> .—See <i>Elichrysum</i> .
<i>Gomphrena globosa</i> . ....	“	“	“	D	“	<i>Gomphrena</i> .—Very handsome everlasting flowers. Should be cut when fully grown and hung up to dry in a dark dry place. Extensively used in Christmas Evergreen Wreaths.
“ “ mixed. ....	hhA	2	mixed.	“	5	<i>Golden Feather</i> .—See <i>Pyrethrum</i> .
<i>Golden Featner</i> . ....	“	“	“	A	“	<i>Gourds</i> .—Ornamental climbing plants, producing fruit of the most singular forms and colors; very desirable for trellises, screens or arbors.
<i>Gourds</i> . ....	hhA	15	mixed.	E	5	<i>Gynierium</i> .—Pampas Grass.
<i>Gynierium argenteum</i> . ....	hhP	12	silver.	F	5	<i>Gypsophila</i> .—Fine airy flowers, suitable for bouquets; very nice for growing in masses.
<i>Gypsophila elegans</i> . ....	hA	1½	white.	E	5	<i>Heartsease</i> .—See <i>Viola tricolor maxima</i> .
<i>Heartsease</i> . ....	“	“	“	B	“	<i>Helianthus</i> .—Sunflower. Tall growing plants with immense yellow flowers.
<i>Helianthus macrophyllus giganteus</i> . ....	hA	10	yellow.	E	5	<i>Helianthus globosus fistulosus</i> , fl. pl. ....
“ californicus double. ....	“	6	orange.	“	5	“
“ globosus fistulosus, fl. pl. ....	“	4	saf. color.	“	5	“
“ nanus plena. ....	“	2	dbl. yellow.	“	5	“
<i>Heliotropium</i> , dark varieties. ....	hhP	2	mixed.	F	10	“
<i>Hibiscus africanus</i> . ....	hA	1½	sul. & black.	“	5	<i>Heliotropium</i> .—Heliotrope.
<i>Hollyhock</i> , best double. ....	hP	6	mixed.	“	10	<i>Hibiscus</i> .—Commonly named. African Rose.
“ Chateaus d'ble extra fine. ....	“	6	“	“	10	<i>Hollyhock</i> .—Saved from the best double sorts of the finest strains.
<i>Honesty</i> . ....	“	“	“	“	10	<i>Honesty</i> .—See <i>Lunaria</i> .
<i>Hyacinth Bean</i> . ....	“	“	“	“	“	<i>Hyacinth Bean</i> .—See <i>Dolichos</i> .
<i>Iberis</i> (Candytuft) ....	hA	1	mixed.	“	5	<i>Iberis</i> .—One of the best of annuals; excellent for growing in masses, edgings, borders, rockeries and rustic work.
“ coronaria white rocket. ....	“	1	white.	“	5	<i>I. sempervirens</i> , or perennial Candytuft.
“ umbellata. ....	“	1	“	“	5	“
“ purpurea (Dunnett's) ....	“	1	dark crim.	“	5	“

## Beautify Your Lawn by Using Our Seeds.



NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Iberis lilacina</i> .....	hA	1	deep pur.	5	is perfectly hardy, flowering very early in the spring.
" <i>sempervirens</i> .....	hP	1	white.	5	
" <i>pectinata odorata</i> .....	hA	1	"	5	
<b>Ice Plant</b> .....					<b>Ice Plant.</b> —See <i>Mesembryanthemum</i> .
<b>Indian Shot</b> .....					<b>Indian Shot.</b> —See <i>Canna</i> .
<i>Ipomæa bona nox</i> .....	hhA	10	white.	5	<i>Ipomæa bona nox</i> .—Evening Glory. <i>I. coccinea</i> .—Star <i>Ipomæa</i> . <i>I. grandiflora</i> .—Variegated Morning Glory. <i>I. quamoclit</i> .—Cypress Vine. An elegant and exceedingly graceful, fine foliaged climber, with star-like blossoms of various colors. The seed should be sown the last of May in a warm, sunny location.
" <i>coccinea</i> .....	"	10	scarlet.	5	
" <i>marmorata grandiflora</i> .....	"	10	variegated.	5	
" <i>quamoclit</i> (Cypress Vine).....	"	10	mixed.	5	
<b>Jacobæa</b> .....					<b>Jacobæa.</b> —See <i>Senecio</i> .
<b>Job's Tears</b> .....					<b>Job's Tears.</b> —See <i>Coix lacryma</i> .
<b>Lady's Slipper</b> .....					<b>Lady's Slipper.</b> —See <i>Calceolaria</i> and <i>Balsam</i> .
<i>Lantana, hybrida finest</i> .....	hhP	2	mixed.	10	<b>Larkspur.</b> —See <i>Delphinium</i> . <b>Lathyrus.</b> —Sweet Pea. Fragrant and profuse flowering climbing plants continuing in blossom throughout the season. The seed should be sown as early as the ground can be worked in the spring; to enable the vines to get a good strong growth before the warm weather comes. Sow the seed in rows and support the vines with brush, or with strong twine fastened to stakes set among the plants. Our seed is saved only from the very finest sorts cultivated, and are true to name.
<b>Larkspur</b> .....					
<i>Lathyrus odoratus</i> (Sweet Pea).....	hA	5	mixed.	5	
" <b>Painted Lady</b> .....	"	5	rose & wh.	5	
" <b>Everlasting Pea</b> .....	hP	5		5	<b>Lavender.</b> —See <i>Lavendula</i> . <b>Lavendula.</b> —Well-known old-fashioned flower, highly prized for its peculiar odor.
" <b>white</b> .....	"	5		5	
<b>Lavender</b> .....					
<b>Lavendula</b> .....	hP	2	violet.	5	
<i>Leptosiphon hybridus, French</i> .....	hA	¼	various.	10	<b>Leptosiphon.</b> —Very pretty for ribbon beds and borders; colors blue, white, lilac, sulphur, purple and orange.
<i>Linaria cymbalaria</i> .....	hP		lavender.	10	<b>Linaria.</b> —Kenilworth or Coliseum Ivy.
" <b>Finest mixed</b> .....	hA	1	mixed.	5	
<i>Linum grandiflorum rubrum</i> .....	hP	1	splen. scar.	5	<b>Linum.</b> —Scarlet Flax.
<i>Loasa hispida</i> .....	hA		golden yel.	5	
" <b>tricolor</b> .....	"		yel. shaded	5	<b>Loasia.</b> —Climbers, with curious flowers. <b>Lobelia cardinalis.</b> —Cardinal Flower. With darkest leaves, very beautiful. <i>L. speciosa</i> .—One of the most effective varieties for bedding. <i>L. erecta</i> .—Excellent for edgings and ribbon, or carpet-bedding; very fine and compact.
<i>Lobelia cardinalis Queen Victoria</i> .....	hP	2	scarlet.	10	
" <i>erinus gracilis</i> .....	hA	½	dark blue.	5	
" <i>speciosa Crystal Palace</i> .....	"	½	"	10	
" <i>erecta</i> .....	"	½		10	<b>Lophospermum.</b> —Beautiful climbing plant, with very large trumpet-shaped flowers.
<b>Lophospermum scandens</b> .....	hhA	10	mixed.	15	
<b>Love-in-a-mist</b> .....					<b>Love-in-a-mist.</b> —See <i>Nigella hispanica</i> .
<b>Love-in-a-puff</b> .....					<b>Love-in-a-puff.</b> —See <i>Balloon Vine</i> .
<b>Love-lies-bleeding</b> .....					<b>Love-lies-bleeding.</b> —See <i>Amaranthus caudatus</i> .
<i>Lunaria annua</i> .....	hB	2	purple.	5	<b>Lunaria.</b> —Honesty.
<b>Lupinus finest annual sorts mixed</b> .....	hA	2	mixed.	5	
<i>Lychnis Haageana Fine Hybrid</i> .....	hP	1	scarlet.	5	<b>Lychnis.</b> —Ragged Robin.
<b>Maize Japanese</b> .....	hA	4	striped leaf	5	
<i>Malope grandiflora</i> .....	"	1½	mixed.	5	<b>Maize.</b> —Striped Japanese Corn. Very ornamental.
<b>Marigolds</b> .....					
<i>Martynia fragrans</i> .....	hhA	1½	crimson.	5	<b>Marigolds.</b> —See <i>Tagetes</i> .
<b>Marvel of Peru</b> .....					
<i>Matricaria capensis fl. pl.</i> .....	hhP	1	white.	5	<b>Marvel of Peru.</b> —See <i>Mirabilis</i> . <b>Matricaria.</b> —Feverfew; dwarf and very double. <i>M. par.</i> —See <i>pyrethrum</i> .
<b>Maurandia Barclayana</b> .....	hhP	10		10	
" <b>finest colors</b> .....	"	10	mixed.	10	<b>Mesembryanthemum.</b> —Ice Plant. Diamond Plant.
<b>Mesembryanthemum crystallinum</b> .....	hA	½	white.	5	
<b>Mignonette</b> .....					<b>Mignonette.</b> —See <i>Reseda</i> .
<i>Mimosa pudica</i> .....	hhA	2	pink. wht.	5	<b>Mimosa.</b> —Sensitive Plant.
<i>Mimulus cardinalis</i> .....	hhP	1	scarlet.	5	
" <i>tigrinus</i> .....	"	1	spotted.	10	<b>Mimulus cardinalis.</b> —Monkey Flower; will bloom the first season from seed.

See Our Self-Closing Plant Support.



NAME.	Hardness and Duration	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Mimulus moschatus.....	hhP	½	yellow.	10	They like a damp, shady situation. <b>M. moschatus.</b> —Musk Plant.
Mirabilis Jalapa.....	"	2	finestmix'd	5	<b>Mirabilis.</b> —Marvel of Peru; Four o'clock.
Momordica balsamina.....	hhA	10	yellow.	5	<b>Momordica.</b> —Balsam Apple; trailing plants; fruit ornamental, yellow outside, when ripe, bursting open, showing its brilliant carmine interior.
Monkey Flower.....	..	..	..	10	<b>Monkey Flower.</b> —See Mimulus.
Morning Glory.....	..	..	..	5	<b>Morning Glory.</b> —See Convolvulus major.
Mourning Bride.....	..	..	..	5	<b>Mourning Bride.</b> —See Scabiosa.
Mukia scabrella.....	A	10	sc. fruit.	10	<b>Mukia.</b> —Handsome Climber, with scarlet berries,
Musk Plant.....	..	..	..	..	<b>Musk Plant.</b> —See Mimulus.
Myosotis alpestris coerulea.....	hP	⅓	blue.	5	<b>Myosotis.</b> —Forget-me-not; thrives best in moist and shady situations.
" azorica.....	hhP	⅓	dark blue.	10	
" palustris.....	hP	½	blue.	10	
Myrsiphyllum asparagoides.....	gP	10	foliage orn.	20	<b>Myrsiphyllum.</b> —Smilax; very graceful climber. Valuable for cutting for bouquets and decorations.
Nasturtium.....	..	..	..	..	<b>Nasturtium.</b> —See Tropæolum.
Nemesia.....	hA	1	mixed.	10	<b>Nemesia.</b> —Compact growing and immensely profuse flowering.
Nemophilla insignis.....	"	1	mixed.	5	<b>Nemophilla.</b> —Very pleasing whether arranged in masses, ribbons or borders; of very compact growth and free flowering.
Nicotiana atropurpurea grand.....	hhA	8	purple.	10	<b>Nicotiana tabacum fol. var.</b> —New, striped leaves.
" tabacum fol. var.....	"	8	str. leaf.	10	
Nigella damascena, fl. pl.....	hA	1½	dark blue.	5	<b>Nigella.</b> —Devil-in-a-bush. <b>N. hispanica.</b> —Love-in-a-mist.
" hispanica.....	"	1½	purple.	5	
Nolana atriplicifolia.....	"	1½	mixed.	5	<b>Nolana.</b> —Trailing plants; very useful for rustic work, hanging baskets and rockeries.
Nun's Whipping Post.....	..	..	..	..	<b>Nun's Whipping Post.</b> — <i>Amaranthus melancholicus.</i>
Oenothera grandiflora Lamarckiana.....	hP	3	yellow.	5	<b>Oenothera.</b> —Evening primrose; large flowers three to four inches in diameter.
Pansy.....	..	..	..	..	<b>Pansy.</b> —See <i>Viola tricolor.</i>
Papaver carnation double.....	hA	2	mixed.	5	<b>Papaver.</b> —Poppy; brilliant flowers, large and showy.
Peas, Sweet.....	..	..	..	..	<b>Peas, Sweet.</b> —See <i>Lathyrus odoratus.</i>
Pentstemon hybridus.....	hP	2	mixed.	25	<b>Pentstemon.</b> —Herbaceous plants; start in hot-bed, in shape the flowers resemble the Gloxinia, and are of great beauty.
Perilla nankinensis.....	hhA	2	foliage orn.	5	<b>Perilla.</b> —Invaluable for contrasting with silver-leaved bedding plants; bronzy purple.
Petunia grandiflora Kermesina.....	hhP	2	crimson.	25	<b>Petunia grand. kermesina.</b> —With white throat; very large. <b>P. grand. maculata.</b> —Large flowering; blotched. <b>P. grand. purpurea.</b> —Fine dark varieties; splendid. <b>P. splendid single.</b> —Saved from the choicest flowers; very large. <b>P. extra fine.</b> —Double.—The seed of this strain has been obtained from the most perfect double blooms only.
" " maculata Inimitable.....	"	2	blotched.	25	
" " purpurea.....	"	2	purple.	25	
" " splendid single.....	"	2	mixed.	25	
" " extra fine, double.....	"	2	"	50	
" " fimbriata, splendid mixture, fringed varieties.....	..	..	..	50	
Petunia hybrida, extra fine.....	hhP	2	mixed.	10	<b>Petunia grand. fm. splendid mixture, fringed varieties.</b>
" " grandiflora fimbriata, fl. pl., splendid mixture.....	"	2	mixed.	50	
Petunia hybrida, first quality.....	"	2	"	10	<b>Petunia hyb. grand. fimbriata, double splendid mixture.</b>
" nana, compacta multiflora.....	..	..	..	10	
" nyctaginiflora.....	hhP	2	white.	5	<b>Petunia n. com. mult.</b>
Phlox Drummondii.....	hA	1	finestmix'd	5	<b>Phlox.</b> —Excellent for bedding in masses or for borders, flowering in great profusion.
" " alba.....	"	1	white.	5	<b>Alba aculata.</b> —White, with purple eye.
" " alba oculata.....	"	1	wht. & pur.	5	<b>Atropurpurea.</b> —Black warrior, deep blood purple. <b>Coccinea.</b> —Brilliant scarlet. <b>Leopoldi.</b> —Bright rose, white eye. <b>Radowitzki.</b> —Rose striped. <b>Queen Victoria.</b> —Blue, white eye.
" " coccinea.....	"	1	scarlet.	5	
" " Radowitzki.....	"	1	rosetriped	5	
" " Leopoldi.....	"	1	rose & wht.	5	
" " Queen Victoria.....	"	1	blue & wht.	5	
Poppy.....	..	..	..	..	<b>Poppy.</b> —See Papaver.
Poor Man's Weather Glass.....	..	..	..	..	<b>Poor Man's Weather Glass.</b> —See <i>Anagallis.</i>
Portulaca finest single.....	hA	½	mixed.	5	<b>Portulaca.</b> —Beautiful showy annuals, blooming all summer long, delightful in a sunny situation. Most desirable for exposed lawn borders and masses. Excellent for rockeries—the double varieties are unsurpassed for brilliancy of color. It is noticeable that a bed of Portulacas will
" grandiflora d'ble, ex. qual.....	"	½	"	15	

Good Seeds and Fertilizers make Beautiful Lawns. We have both.



NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Portulaca.....	..	..	..	..	seed itself for a number of years in succession, being naturally adapted to our climate.
Primula sinensis.....	hhP	¾	mixed.	25	Primula.—Should be sown in under glass in February and March, although many follow the English custom of sowing in July and August, but which proves to be less successful in this country. Our seed is raised by the most renowned growers in England, and have always given the best satisfaction.
“ “ fimbriata.....	“	¾	“	50	
Pyrethrum parthenifolium aurea.....	hP	1	foliage yel.	10	Pyrethrum.—Golden Feather, or Feverfew. P. fol. lac.—Splendid acquisition with elegant lacinated foliage.
“ “ Golden Feather.....	..	..	..	10	
“ “ parth. aurea fol. laciniatis.....	hP	1	foliage yel.	20	
Quaking Grass.....	..	..	..	5	Quaking Grass.—See Briza.
Ragged Robin.....	..	..	..	5	Ragged Robin.—See Lychnis.
Reseda odorata.....	hA	1	buff.	5	Reseda.—Mignonette Sweet. R. ameliorata is a large flowered variety and of pyramidal growth, esteemed very highly.
“ “ ameliorata.....	“	..	red.	5	
“ “ Golden Queen.....	..	..	yellow.	10	
“ “ Miles' New Spiral.....	hA	1½	buff.	10	Miles' New Spiral very profuse flowering, bearing flowers in spiral spikes from 8 to 15 inches in length and delightfully odorous.
“ gigantea pyramidalis.....	“	2	“	10	
“ Parson's New White.....	“	1½	white.	10	
Rhodanthe maculata.....	hhA	1	crimson.	10	
“ “ alba.....	“	1	white.	10	
Ricinus borboniensis arboreus.....	“	15	orn. fol.	5	Ricinus.—Castor Oil Bean. A robust, stately growing, ornamental foliage plant, whose immense leaves render it an object of universal admiration. Excellent for centre plants in large beds where a subtropical effect is desired.
“ giganteus glaucus.....	“	10	“	5	
“ Gibsoni.....	“	8	“	5	
“ sanguineus (Obermanni).....	“	10	“	5	
“ species from the Philippines.....	“	10	“	5	
“ dwarf rose.....	“	4	“	5	
Rose Campion.....	..	..	..	5	Rose Campion.—See Agrostemma.
Rose of Heaven.....	..	..	..	5	Rose of Heaven.—See Viscaria.
Rose of Sharon.....	..	..	..	5	Rose of Sharon.—See Hibiscus.
Salpiglossis variabilis, fine mixed.....	hhA	2	mixed.	5	Salpiglossis.—Highly ornamental; flowers are funnel-shaped, and beautifully and curiously marbled and penciled.
Salvia coccinea splendens.....	hhA	2	scarlet.	10	Salvia.—Brilliant and exceedingly useful for back-ground bedding purposes. S. splendens is truly magnificent, being literally covered with gorgeous scarlet blossoms, and remaining in bloom very late.
“ splendens.....	hhP	3	“	25	
“ patens.....	“	2½	blue.	25	
“ argentea.....	hhA	..	silver.	25	
Sanvitalia procumbens, fl. pl.....	hA	½	yellow.	5	Sanvitalia.—Flowers bright yellow and very double.
Saponaria.....	“	½	mixed.	10	Saponaria.—Immensely profuse blooming annuals, producing masses of minute cross-shaped rose and white flowers.
Scabiosa atropurpurea major.....	hA	2	fine mixed.	5	Scabiosa.—Mourning Bride, or Sweet Scabiosa. S. atro. cand.—Excellent for cutting for bouquets.
“ atro. candidissima.....	“	1	pure white.	10	
“ minor, fl. pl.....	..	..	fine mixed.	10	
Schizanthus, finest.....	hA	1	mixed.	5	
Sedum coeruleum.....	“	¾	blue.	10	Sedum.—Stone crop.
Senecio double.....	“	1	finest mix'd	10	Senecio.—Jacobæa.
“ “ dwarf.....	“	½	“	10	
Sensitive Plant.....	..	..	..	5	Sensitive Plant.—See Mimosa.
Silene armeria.....	hA	2	fine mixed.	5	Silene.—Catch-fly.—Dwarf compact growing edging plants, literally covered with blossoms.
Smilax.....	..	..	..	..	Smilax.—See Myrsiphyllum.
Snapdragon.....	..	..	..	..	Snapdragon.—See Antirrhinum.
Solanum capsicarium.....	hhP	..	sc. fruit.	10	Solanum capsicarium.—Jerusalem Cherry.
“ Lobeli.....	..	..	..	10	
Statice sinuata hybrida.....	hP	1	mixed.	5	Statice.—Purple and yellow flowers, remaining a long time in a good condition after being cut; valuable for winter bouquets.
Stipa pennata.....	hP	2	..	5	Stipa.—Feather Grass.
Stocks, ten weeks (Mathiola).....	..	..	..	..	Stocks, Ten Weeks, or Gilliflower.—This is one of the most popular flowers cultivated whether for borders, masses, hanging baskets or pot culture. Its bright colors and spicy fragrance render it an object of universal admiration.
“ “ double dwarf German.....	hhA	1½	mixed.	5	
“ “ “ large flowering.....	“	1	..	10	
“ “ “ “.....	“	1	pure white.	10	
“ “ “ “.....	“	1	purple.	10	
“ “ “ “.....	“	1	dark crim.	10	
“ “ “ “.....	“	1	scarlet.	10	
“ “ “ “.....	“	1	canary yel.	10	
“ “ “ “.....	“	1	mixed.	10	
“ large flow'ing pyramidal dwarf.....	“	1	“	10	
“ Winter, or Brompton.....	hB	2	“	10	
“ Emperor, or Perpetual.....	hhP	1½	“	10	

**Tin Work Made and Repaired Promptly**



NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Sunflower.....	.....	..	.....	..	Sunflower.—See Helianthus.
Swan River Daisy.....	.....	..	.....	..	Swan River Daisy.—See Brachycome.
Sweet Alyssum.....	.....	..	.....	..	Sweet Alyssum.—See Alyssum.
Sweet Pea.....	.....	..	.....	..	Sweet Pea.—See Lathyrus.
Sweet Rocket.....	.....	..	.....	..	Sweet Rocket.—See Hesperis.
Sweet Sultan.....	.....	..	.....	..	Sweet Sultan.—See Centaurea.
Sweet William.....	.....	..	.....	..	Sweet William.—See Dianthus.
Tagetes double African.....	hhA	2	mixed.	5	Tagetes.—Marigold; good old-fashioned flowers, very popular.
“ “ French.....	“	1½	“	5	
“ “ signata pumila.....	“	1	br. & yel.	5	
Tassel Flower.....	.....	..	.....	..	Tassel Flower.—See Cacia.
Thunbergia, finest.....	hA	6	mixed.	5	Thunbergia.—Rapid, free-blooming climbers, flowers buff, orange and white.
Trifolium suaveolens.....	“	2	.....	5	Trifolium.—Sweet scented clover.
Trichosanthes coccinea.....	hhA	4	mixed.	10	Trichosanthes.—Small oval green and white marbled gourds, changing to scarlet, beautiful.
Tritoma uvaria.....	hP	4	orange red	10	Tritoma.—Red-hot-poker plant.
Tropæolum canariense.....	hhA	10	yellow.	10	Tropæolum Canariense.—Canary-bird Flower; a great favorite, with pretty yellow flowers, resembling a bird with wings spread; very graceful climber. T. Lobb. are very ornamental climbers, useful alike in the greenhouse, parlor or garden; constant bloomers. T. Majus is the tall growing Nasturtium; very serviceable for garden culture, as they withstand almost the most excessive drought; very free flowering, and vigorous growing climbers. T. Tom Thumb, are suitable to be grown in clumps, masses, or alone, and will produce the most pleasing effect. The kinds catalogued are those of most recent introduction, and form an assortment of unqualified excellence. Great pains have been taken to have all our varieties true to name, and and we recommend them very highly.
“ Lobianum Brilliant.....	“	6	dark scar.	10	
“ “ Crown Prince of Prussia.....	“	6	blood red.	10	
“ “ Giant des Batailles.....	“	6	carmine.	10	
“ “ Lilli Smith.....	“	6	crimson.	10	
“ “ Napoleon III.....	“	6	ver. striped	10	
“ “ Lucifer (very rare).....	“	6	cri. dk. fol.	10	
“ “ Roi des Noirs.....	“	6	almost blk.	10	
“ “ Spitfire.....	“	6	bright scar.	10	
“ “ finest varieties.....	“	6	mix. colors.	5	
“ majus atropurpureum.....	“	6	black bro'n	10	
“ “ coccineum.....	“	6	scarlet.	10	
“ “ luteum.....	“	6	yellow.	5	
“ “ regelianum.....	“	6	pur. violet.	10	
“ cœruleo roseum.....	“	6	d. rose.	10	
“ majus, finest varieties.....	hhA	6	mixed.	5	
“ Tom Thumb, Carter's scarlet.....	hA	1	scarlet.	10	
“ “ Crystal Palace Gem.....	“	1	sul. col. spt.	10	
“ “ King of Tom Thumbs.....	“	1	dp. scarlet.	10	
“ “ King Theodore.....	“	1	very dark	10	
“ “ Pearl.....	“	1	nearly wht.	10	
“ “ Ruby King (new).....	“	1	carmine.	10	
“ “ luteum.....	“	1	bright yel.	10	
“ “ cœruleo roseum.....	“	1	mar. tint.	10	
Venus' Looking Glass.....	.....	..	.....	..	Venus' Looking Glass.—See Campanula speculum.
Verbena hybrida, choice named col's.....	hhP	..	mixed.	15	Verbena Candidissima, New.—With immense trusses of flowers of the purest white; best for sale plants. V. Striata.—Italian carnation-like striped, very choice.
Veronica syriaca.....	hhA	½	blue & wht.	5	Veronica.—Highly esteemed for edgings, rockeries, or pot plants.
“ “ fl. albo.....	“	½	white.	5	
Vinca rosea.....	g sh.	2	rose.	10	Vinca.—If sown early, in the house, will blossom same season; very bright shining green foliage, flowers are delightfully pleasing.
“ alba.....	g sh.	2	white.	10	
Viola tricolor maxima, Pansy, finest.....	hP	½	mixed.	5	Viola, Pansy.—Start early in March, in the house, if no greenhouse is convenient, a sunny window will answer. Sow lightly in fine loam, in a box or flower-pot, and transplant when well up. Transplant several times before finally transplanting out doors. Pinch off the first buds as soon as they appear, and from early fall until the ground freezes you will have the largest pansies possible to grow.
“ “ “ very large flow'g.....	“	½	“	5	
“ “ “ candidissima.....	“	“	“	“	
“ “ “ Snow Queen.....	“	“	white.	20	
“ Emperor William.....	“	½	deep blue.	10	
“ Faust, or King of the Blacks.....	“	½	coal black.	10	
“ Odier, or five blotched.....	“	½	various.	10	
“ Gold-margined.....	“	½	mer. with y	10	
“ Violet color margined.....	“	½	mar. with w	15	
“ White Treasure.....	“	½	pure white.	15	
“ Yellow.....	“	½	pure yel.	15	
“ good quality.....	“	½	mixed.	5	
“ odorata. The Czar (Violet).....	“	¼	blue.	25	
Viscaria hybrida splendens.....	hA	1-2	mixed.	5	Viscaria.—Flowers maroon, pink, carmine and rose.
Waitzia grandiflora.....	hA	1	yellow.	20	Waitzia.—Everlasting flowers; very desirable for winter bouquets.
Wall Flower.....	hhP	1½	mixed.	10	Wallflower.—Cheiranthus.
Whitlavia grandiflora alba.....	hA	1½	white.	5	
“ “ “.....	“	1½	purple.	5	
Wigandia caracasana.....	hhS	8	or. leaf.	10	Wigandia.—Elegant, stately, ornamental plants.
“ vigieri.....	“	8	“	10	



NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Xeranthemum.....	hA	2	mixed.	10	Xeranthemum — Everlasting flowers, useful for summer or winter bouquets.
Zea Japonica.....	"	6	strip'd leaf.	5	Zea Japonica—See Maize.
Zinnia elegans fl. pl. ....	Ahh	2	mixed.	5	Double Zinnia — Of great beauty and very desirable for grouping or mixed borders; flowers of carmine, white, crimson, orange and purple flowers.

## ORNAMENTAL GRASSES.

All of these varieties are exceedingly graceful, and very useful in making winter bouquets and various designs for winter decorations. Should be cut before they are entirely matured and hung up in bunches until perfectly dry.

NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Agrostis nebulosa.....	hA	1	.....	5	Avena—Animated Oats.
Avena sterilis.....	"	2	.....	5	Briza—Quaking Grass.
Briza compacta.....	"	1	.....	5	Coix lacryma—Job's Tears.
"    maxima.....	"	1	.....	5	Eragrostis—Love Grass.
Bromus brizæformis.....	"	1	.....	5	Erianthus—Beautiful and very showy.
Coix lacryma.....	"	1½	.....	5	Gynerium—Pampas Grass.
Eragrostis elegans.....	"	1	.....	5	Stipa—Feather Grass.
Erianthus Ravennæ.....	hP	10	.....	10	Zea—Japanese Maize (striped leaves).
Gymnothrix latifolia.....	hhP	8	.....	5	
Gynerium argenteum.....	"	8	.....	5	
Stipa pennata.....	hA	1½	.....	5	
Zea Japonica.....	"	6	.....	5	

## CLIMBING VINES, ORNAMENTAL GOURDS, &c.

NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Abobra viridiflora.....	hhP	6	green.	5	Abobra — Ornamental Gourd, with elegant foliage and scarlet fruit.
Adlumia cirrhosa.....	hB	15	pink.	10	Adlumia—Mountain Fringe.
Aristolochia siphon.....	"	20	yel. & bro.	10	Aristolochia—Dutchman's Pipe.
Beans.....	hA	15	various.	5	Beans—Scarlet and White Runners.
Bryonopsis erythocarpa.....	hhA	5	red.	10	Bryonopsis — Ornamental Gourd, striped, beautiful.
Balloon Vine.....	"	3	.....	5	Balloon Vine.
Calampelis scabra.....	"	8	orange.	10	Calampelis—Excellent for trellises.
Canary-bird-flower.....	"	10	yellow.	5	Canary-bird-flower — See Tropæolum canariense.
Cardiospermum halicacabum.....	"	10	white.	5	Cardiospermum—Balloon Vine.
Clematis.....	hP	10	mixed.	10	Coccinea—Ornamental Gourd with scarlet fruit.
Cobaea scandens.....	hhA	20	purple.	10	Convolvulus—Morning Glory.
Coccinea indica.....	hhP	6	red.	10	Cucumis—Ornamental Cucumber.
Convolvulus major.....	hhA	10	mixed.	5	Cucurbita — Ornamental Gourds, very desirable for screens.
"    mauritanicus.....	hP	trail	blue.	15	
Cucumis.....	hhA	10	mixed.	10	
Cucurbita.....	"	10	.....	5	
"    Hercules' Club.....	hhA	16	yellow.	5	
"    Mock Orange.....	"	16	"	5	
"    Powder Horn.....	"	16	"	5	
"    Smallest Lemon.....	"	6	"	5	
"    Gooseberry.....	"	6	"	5	
"    Pear-shaped.....	"	6	"	5	
Cypress Vine.....	"	10	.....	5	Cypress Vine—Ipomea quamoclit.
Dolichos lablab, Hyacinth Bean.....	hA	10	purple.	5	
"    "    ".....	"	10	white.	5	
Ipomœa bona nox.....	hhA	10	.....	5	Ipomœa bona nox—Evening Glory. I.
"    coccinea.....	"	10	scarlet.	5	coccinea—Star Ipomœa. I. marmorata.
"    marmorata grandiflora.....	"	10	variegated.	5	grand — Variegated Morning Glory.
"    quamoclit Cypress Vine.....	"	10	mixed.	5	I. quamoclit—Cypress Vine.

See our Pages of Small Tools, 17, 18, 19.



NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Ipomæa quamoclit</i> .....	hhA	10	scarlet.	5	
" " ".....	"	10	white.	5	
" " ".....	"	10	rose.	5	
<i>Maurandia barclayana</i> .....	hhP	10	blue & wht.	10	
" finest colors.....	"	10	mixed.	10	
<i>Momordica balsamina</i> .....	hhA	10	yellow.	5	
<i>Nasturtium</i> Tall, finest colors.....	"	6	mixed.	5	<i>Nasturtium</i> — <i>Tropæolum majus</i> .
" " ".....	"	6	scarlet.	10	
" " ".....	"	6	rose tinted.	10	
" " ".....	"	6	violet.	10	
" " ".....	"	6	yellow.	5	
Peas, Sweet, finest colors.....	hA	9	mixed.	5	Peas, Sweet—See <i>Lathyrus odoratus</i> .
" Capt. Clarke.....	"	9	tricolor.	5	
" Crown Princess of Prussia.....	"	9	blush.	5	
" Invincible.....	"	9	scarlet.	5	
" Red.....	"	9	dark.	5	
" White Striped.....	"	9	purple.	5	
" " ".....	"	9	red.	5	
" Light Blue.....	"	9	purple.	5	
" Pure White.....	"	9	mixed.	5	
<i>Thunbergia</i> .....	hA	6	mixed.	5	

## EVERLASTING FLOWERS.

The same remarks previously written in regard to Ornamental Grasses are applicable to Everlasting Flowers.

NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Acrolinium roseum</i> .....	hhA	1	rose.	5	
" album.....	"	"	white.	5	
<i>Ammobium alatum</i> .....	hA	2	"	5	
<i>Gomphrena globosa</i> .....	hhA	2	red.	5	<i>Gomphrena</i> —Globe Amaranthus.
" " ".....	"	2	white.	5	
" " ".....	"	2	striped.	5	
" " ".....	"	2	mixed.	5	
<i>Helichrysum monstrosum</i> .....	hA	2	white.	5	<i>Helichrysum</i> — <i>Elichrysum</i> , or Eter- nal Flower.
" " ".....	"	2	yellow.	5	
" " ".....	"	2	rose.	5	
<i>Rodanthe maculata</i> .....	hhA	1	"	10	
" alba.....	"	1/2	white.	10	
<i>Xeranthemum</i> .....	hA	2	mixed.	10	

## List of Flower Seeds Suitable for Hanging-Baskets, Vases, and Window Boxes.

NAME.	Color of Flower.	Per Pkt.	NAME.	Color of Flower.	Per Pkt.
<i>Ageratum Mexicanum</i> .....	blue.	5	<i>Mesembryanthemum</i> , Ice Plant..	mixed.	5
<i>Alyssum</i> , Sweet.....	white.	5	<i>Mimulus</i> , moschatus, Musk Plant..	yellow.	10
<i>Anagallis</i> .....	mixed.	5	<i>Nasturtium</i> , dwarf.....	mixed.	5
<i>Calandrina umbellata</i> .....	crimson.	10	" <i>T. lobbianum</i> .....	"	10
<i>Centaurea gymnocarpa</i> .....	silver leaf.	15	<i>Nemophila insignis</i> .....	"	5
" <i>candidissima</i> .....	"	15	" <i>maculata</i> .....	"	5
<i>Clintonia elegans</i> .....	blue.	10	<i>Nolana atriplicifolia</i> .....	"	5
<i>Convolvulus mauritanicus</i> .....	lavender.	15	<i>Petunia</i> single.....	"	10
<i>Eucharidium grandiflorum</i> .....	crimson.	5	" double or fringed.....	"	50
<i>Fenzlia dianthiflora</i> .....	rosy lilac.	25	<i>Portulaca</i> double.....	"	15
<i>Gilia tricolor</i> .....	mixed.	5	<i>Sanvitalia procumbens</i> .....	yellow.	10
<i>Iberis amara</i> (Candytuft).....	white.	5	<i>Saponaria</i> .....	mixed.	10
<i>Linaria</i> (Coliseum Ivy).....	mixed.	5	<i>Sedum coeruleum</i> .....	"	10
<i>LOBelia crinus</i> .....	blue.	10	<i>Stocks</i> , large flowering.....	mixed.	10
" <i>gracilis</i> .....	"	10			

Use our Plant Food for Flowers, and Sheep Fertilizer for Lawns.



## SUPPLEMENT TO FLOWER SEED LIST.

- Aquilegia Stuarti, Columbine**—Flowers very large, four inches in diameter, 20 cts. per pkg.  
**Aster Comet**—Colors various, with long, wavy petals, full flower. 10 cents.  
**Aster "Snowball"**—Pure white, pompon shape flower, about 15 inches high. 20 cts. per pkg.  
**Aster Harlequin**—Spotted and striped double, mixed. 16 cts. per pkg.  
**Aster Mignon**—Pure white, small pompon flowers. 10 cts. per pkg.  
**Aster Victoria**—Mixed color, tall, full flower, pyramidal shape. 10 cts.  
**Aster Ball or Jewel**—symmetrically incurved, the bloom a perfect ball. 25 cts. per pkg.  
**Aster Branching**—Vick's white, very fine. 10 cts. per pkg.  
**Cosmos**—Large crimson, white and pink, flowers in autumn. 10 cts. per pkg.  
**Humulus, Japonicus**—Japanese Hop Vine. One of the best vines for rapid growth and ornamental appearance. 10 cts. per pkg.  
**Ipomæa Noctiflora, Moon Flower**, or Evening Glory, should be sown as early as March and transplanted as soon as season will admit.  
**Ipomopsis**—A very beautiful plant, long spikes with scarlet and orange flowers, fine foliage, quite hardy, perennial, and suitable for dry situations.  
**Lathyrus Odoratus, "Sweet Peas"**—Imported by us annually.....  
 " **Adonis**—Beautiful deep rose with wings almost carmine .....  
 " **Apple Blossom**—Resembles the flower of Apple Blossoms very closely.  
 " **The Bride**—The best earliest pure white in the market .....  
 " **Boreaton**—Its flowers are a rich dark chestnut color .....  
 " **Bronze Prince**—Rich chestnut color bronze maroon.....  
 " **Black**—Deep maroon and dark blue .....  
 " **Blanche Burpee**—Pure white, very large.....  
 " **Blanche Ferry**—Bright Pink and white .....  
 " **Butterfly**—White, edged with blue.....  
 " **Cardinal**—Bright crimson.....  
 " **Countess of Radnor**—Soft lavender.....  
 " **Daybreak**—Watered, red and white.....  
 " **Dorothy Tennant**—Rosy mauve .....  
 " **Duchess of Edinburgh**—Light scarlet and white .....  
 " **Emily Eckford**—Rosy mauve changing to blue.....  
 " **Empress of India**—Rose standard, white wings .....  
 " **Emily Henderson**—Large clear white .....  
 " **Firefly**—Bright crimson scarlet.....  
 " **Grey Friar**—A light marble mauve .....  
 " **Imperial Blue**—Purplish blue.....  
 " **Indigo King**—Dark maroon purple.....  
 " **Isa Eckford**—Creamy white, shade of pink.....  
 " **Lemon Queen**—Pale blush and lemon .....  
 " **Light Blue and Purple**.....  
 " **Meteor**—Orange pink.....  
 " **Orange Prince**.....  
 " **Pink Cupid or Dwarf Blanche Ferry**—Pink and white .....  
 " **Primrose**—Yellow.....  
 " **Princess May**—Soft lavender.....  
 " **Prince of Wales**—White, striped with blue and mauve.....  
 " **Stanley**—Very dark maroon.....  
 " **Splendor**—Bright rose.....  
 " **Venus**—Salmon buff.....  
**Double Sweet Peas, Stanley**—Very dark maroon.....  
 " **Duke of Clarence**—Dark Claret.....  
 " **White**.....  
 " **Lottie Eckford**—Creamy white.....  
 " **Boreaton**—Dark chestnut .....  
 " **Waverly**—Rosy claret.....  
 " **Apple Blossom**.....  
 " **Cap't of Blues**—Bright purple.....  
**Margaret Carnation**—Rapid blooming .....  
**Mirabilis Longiflora or Jockey Club**—Flower very fragrant, similar to the perfume whose name it bears, pure white, blossoms from the seed the first season until frost. Roots may be taken up and stored like Dahlias for the next season. 10 cts. per pkg.  
**Nicotinia Affinis**—Pure white and very fragrant, *annual*. 10 cts. per pkg.  
**Reseda Machet**—Thick spikes with reddish flowers. 5 cts. per pkg.

These  
Varieties  
each  
5c. pkg.

### Our Mixture of Nasturtium is the Finest in the Country.

Nasturtium or Tropæolum, Tall. 10 cts. per oz. Dwarf, 15 cts.

- Tropæolum, Cloth of Gold**—Light foliage, dwarf, 5 cts. per pkg.  
 " **Empress of India**, Dwarf, dark leaved foliage, 5 cts. per pkg.  
 " **Tricolor (Jaritta) Grandiflora**—Dwarf, 5 cts. per pkg.  
 " **Asa Gray**—New, yellowish white, very fine. 5 cts.  
 " **Cardinal**—Dark scarlet, fine, 5 cts. per pkg.  
 " **Chaixianum**—Yellow, spotted with red, very fine. 5 cts.  
 " **Flammulum Grandiflorum**—Tall, scarlet, and yellow, extra fine. 5 cts.  
**Fringed Mammoth Hollyhock**—New, magnificent, hardy and wonderful bloomer. Pkt. 25 cts.

WILD FLOWER GARDEN, PER PACKAGE, 10 CENTS.



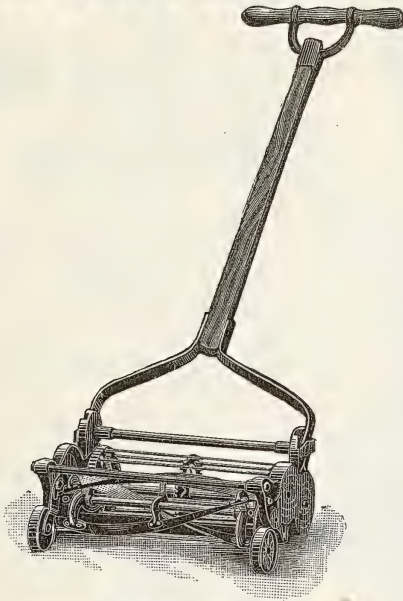
# LAWN MOWERS CHEAP.



NEW EASY,  
IMPERIAL,  
BAY STATE,  
PHILADELPHIA,  
BOSTON,  
IDEAL.



ALL WARRANTED.



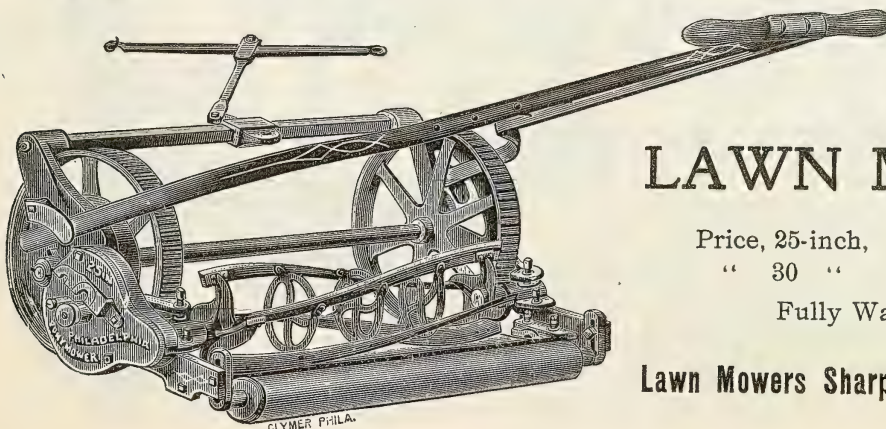
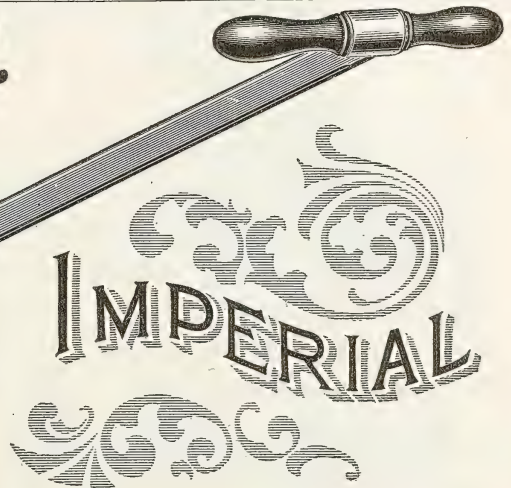
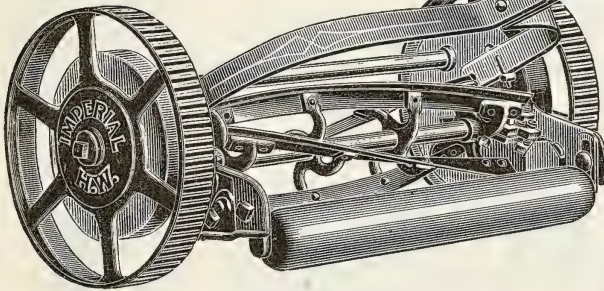
NEW EASY.

THESE are Lawn Mowers that will do good work, are durable and easy running, and will be sold for a very reasonable price. We will place one on your lawn in competition with any other named Lawn Mower, subject to the approval of the operator. SATISFACTION GUARANTEED, OR NO SALE. Retail price as low as any first-class mower. Sharpening and repairing a specialty. Border Shears, Grass Shears, Edging Knives, Weeders, Dock Spuds, Weeding Trowels, Leaf Rakes.

ALL WARRANTED.

## High Wheel Imperial.

Absolutely Warranted for Two Years.  
Positive Adjustment. Has no Equal.



## PONY LAWN MOWER.

Price, 25-inch, . . . \$45.00

" 30 " . . . 60.00

Fully Warranted.

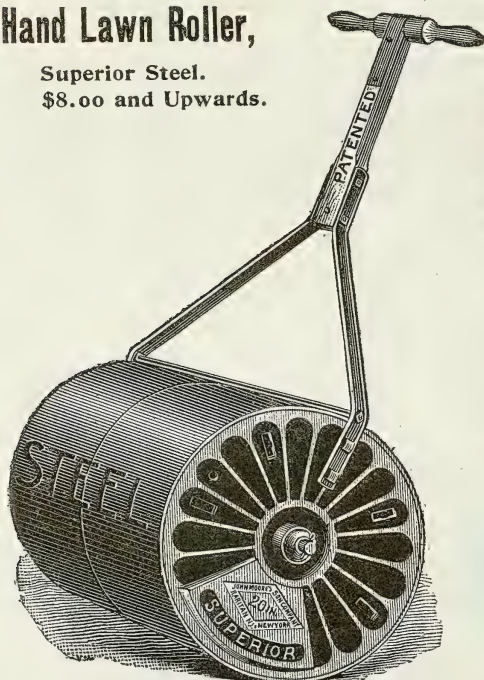
Lawn Mowers Sharpened and Repaired.

CLYMER PHILA.



**Hand Lawn Roller,**

Superior Steel.  
\$8.00 and Upwards.



Wet Soil and Grass Clippings will not stick to Steel as they stick to Cast Iron.

## **Lawn Seed, Pure Ground Bone, Sheep Fertilizer.**

*Sheep Dressing for Plants and  
Lawn Dressing. Quick, Last-  
ing and Economical.*

**Lawn Fertilizers****PRICE-LIST.**

Sheep Fertilizer, 100 lbs..	\$3.00
Sheep Fertilizer, 50 lbs..	1.75
Ground Bone.....100 lbs..	2.00
Phosphate.....100 lbs..	2.00
Nitrate of Soda, per lb....	.10
Nitrate of Soda...100 lbs..	6.00

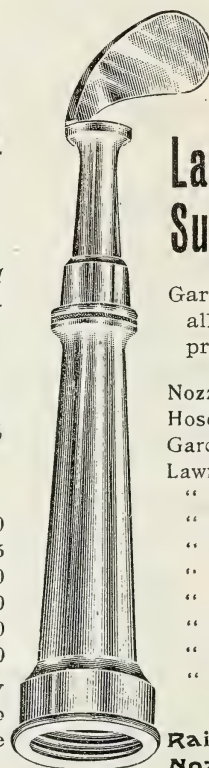
Nitrate of Soda is especially adapted to lawns. Will keep the earth cool, and brings the moisture to the surface.

**Lawn...  
Supplies.**

Garden Hose,  
all sizes and  
prices.

Nozzles,  
Hose Menders,  
Garden Reels,  
Lawn Mowers,

" Seed,  
" Dressing.  
" Fert'izers  
" Rollers,  
" Rakes,  
" Weeders,  
" Sprinkl'rs  
" Baskets.



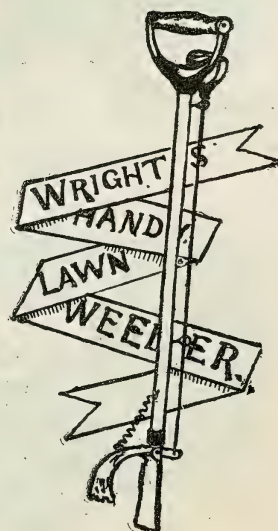
**Rainmaker  
Nozzle.**

**S**HEEP FERTILIZER is a plant food of great merit, supplying a Manure which contains all the elements necessary for the perfection of plant life. While accelerating luxuriant growth, permanent benefits are secured by a continuance of nourishment to the plant. It is safe to use and suitable for every purpose where a fertilizer is required. It is one of the best Manures we use on Lawns; it is absolutely free from foul seeds and a natural grass grower. Price, 10 lbs. 50c.; 25 lbs. \$1; 50 lbs. \$1.75; 100 lbs. \$3.

# **WRIGHT'S HANDY ...LAWN WEEDER.**

*IF YOU TRY ME, YOU WILL BUY ME.*

This little tool fills a long felt want, in that it is so simple that a child can use it. With this there is no need of getting down on the knees or bending, as it pulls them up and places them in the basket without any labor at all. No household should be without it, as it is equally handy in weeding and pulverizing the earth in the flower beds or garden. Price, 75 cents.





## SPRING PLANTS AND BULBS.

	PER DOZ.		PER DOZ.
Cabbage Plants.....	5 cts.	Verbena Plants.....	50 cts.
Cauliflower ".....	25	Pansy ".....	50
Tomato ".....	25	Asters ".....	35
Egg Plant ".....	50	Stocks ".....	35
Pepper ".....	25	Petunia ".....	50
Gladiolas, Dahlias, Tube-Roses, Tuberous Begonias, Maderia Vines.		Snapdragon ".....	40

Choice Potting Earth, per Bushel, 75 cents.

## SELECTED FALL BULBS.

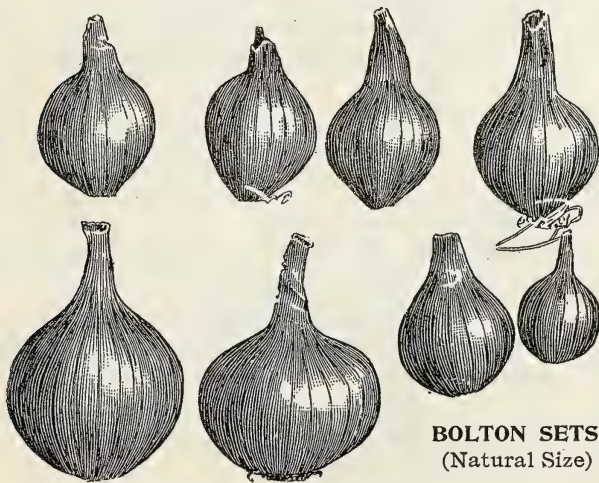
Our Own Direct Importation from Holland.

Hyacinths,	Tulips,	Daffodils,	Iris,	Oxalis,
Crocus,	Narcissus,	Jonquils,	Snow Drops,	Freesia, etc., etc.
Lilium Longiflorum, or Ascension Lily,	Lilium Harrisii, or Easter Lily,			
Lilium Candidum, or Madonna Lily,	Lilium Auratum, or Japan Lily,			
Lily of the Valley (in clumps),	Other varieties ordered if desired.			

## SUNDRIES.

Christmas Holly and Holly Wreaths, Ground Pine, Cedar, Mistletoe, Christmas Trees, Etc.

Self-Registering Thermometers,	Bulb Syringes,	Shears,
Tin Foil,	Glazing Points,	Scissors,
Green Moss,	Flower Pots,	Fine Cutlery,
Florist Letters,	Hyacinth Glasses,	Syringes for Plants,
Raffia,	Jardiniers and Pedestals,	Flower Pot Brackets,
Immortelles,	Hanging Baskets,	Pop Corn,
Mastica,	Flower Supports,	Sharpening of Shears, etc.
Plant Labels,	Plant Stands,	Tin Shop,
Fumigators,	Trellisses,	Lawn Seed and Fertilizers.
Wire Plant Supports.	Silkalene per Ball, 30 cts.	Bird Supplies.



**BOLTON SETS.**  
(Natural Size)

## BOLTON ONION SEED AND SETS

After many years we have finally succeeded in securing the SEED for the celebrated Bolton Onion Sets. For years past it has been so carefully guarded by the few who had controlled this fine variety, that until recently we were unable to secure the Seed. The Bolton Set has no equal in the United States for market gardeners' purposes.

First—Its quick growth into a handsome green onion, being the earliest set on the market.

Second—Quality, mild. A perfect onion shape, even to the smallest among them.

Third—Unequalled for its market qualities and value to the gardeners.

Fourth—Growing into a large onion of fine quality for fall and winter use, if permitted to remain in the ground.

We have a limited stock of seed to offer this season at \$3.00 per lb.




# CLOVER, GRASS AND FIELD SEEDS.

Clover, Red.	Peas, Canada.
" White.	" Black Eye.
" Crimson.	" Early and Late.
" Alfafa.	Rye, Spring.
" Alsike.	" Winter.
" Bokhara.	Corn, Leaming.
" Sainfoin.	" Pride of the North.
(Turken Klee).	
Timothy, Recleaned.	" Sweet.
" Choice.	" Pop.
" Prime.	" Field.
Red Top.	Wheat, Spring.
Blue Grass.	" Winter
Orchard Grass.	(Prices subject to
Millet, German.	change.)
" Hungarian.	Oats, Seed.
" Common.	" Winter.
Barley.	Flax Seed.
Buckwheat.	Broom Corn.
Amber Cane.	Quack Seed.
Dwarf Essex Rape.	

## SPECIAL GRASSES.

	Per lb.	10 lbs.	100 lbs.
Bromus Inermis (New).....	25c	\$2 25	\$20 00
Creeping Bent.....	30c	2 75	25 00
Meadow Foxtail.....	35c	3 25	30 00
Sweet Vernal.....	40c	3 50	.....
Tall Oat Grass.....	30c	2 75	25 00
Yellow Oat Grass.....	86c	7 50	.....
Crested Dogtail.....	60c	7 50	.....
Sheep's Fescue.....	25c	2 20	20 00
Hard Fescue.....	25c	2 20	20 00
Meadow Fescue.....	20c	1 75	15 00
Tall Fescue.....	40c	3 75	35 00
Red Fescue.....	25c	2 20	20 00
Fine Leaved Fescue.....	35c	3 25	35 00
Rough Stalked Meadow.....	45c	3 75	35 00
Perennial Rye Grass.....	10c	0 90	8 00
Italian Rye Grass.....	13c	1 10	10 00
Water Meadow Grass.....	35c	3 00	25 00
Wood Meadow Grass.....	50c	4 50	42 00

Special prices given for quantities on any of the above varieties.

 Orders taken for Early Siberian Seed Oats, the best in the market at reasonable price.

## BOOKS. BOOKS. BOOKS.

We will send any of these books, post paid, to any address upon receipt of prices annexed.

### Asparagus Culture.

50 cents.

### Beet Sugar Culture.

50 cents.

### Gregory on Cabbages; How to Grow Them

Full Details. By James J. H. Gregory.  
12 mo. 30 cents.

### Cauliflowers and How to Grow Them.

By Francis Brill. 20 cents.

### Celery Culture.

By J. C. Vaughen. 50 cents.

### Celery for Profit.

By T. Greiner. 30 cents.

### Dairy for Profit.

Illustrated, 8 vo.  
Paper; 30 cents.

### Concerning Lawn Planting.

25 cents.

### Feathered Pets.

Complete Book on Birds. 25 cents.

### The Practical Fruit Grower.

Cloth 50 cents.

### Maple Sugar and Sugar Bush.

By Prof. A. J. Cook. Profusely illustrated.  
40 cents.

### Mushroom Culture.

By W. Robinson. 50 cents.

### The New Onion Culture.

By T. Greiner. 50 cents.

### Onion; How to Raise Them Profitably.

Practical details by seventeen onion growers.  
8 vo. 20 cents.

### Gregory on Onion Raising.

What kind to raise and the way to raise them. By J. J. H. Gregory. Paper 12 mo.  
30 cents.

### A B C of Potato Culture.

35 cents.

### Potato Pests.

By Prof. C. V. Riley. 50 cents.

### Five Hundred Questions and Answers in Poultry Raising.

8 vo. Paper, 25 cents.

### Strawberry Culture.

By Andrew S. Fuller. 25 cents.

### Stoddard's, An Egg Farm.

12 mo. Cloth, 50 cents.

### Silos, Ensilage and Silage.

12 mo. Cloth, 50 cents.

### Tomato Culture.

135 pp., illustrated. 35 cents.

### Tobacco Culture.

By fourteen tobacco growers. Illustrations.  
25 cents.

### Your Plants:

Plain and practical directions for the treatment of tender and hardy plants in the house and in the garden. By James Sheehan. 40 cents.

### Our Farm of Four Acres. and the Money We Made by It.


Paper cover, 12 mo. 30 cents.

### How to Plant and What to Do With the Crops.

By Mark W. Johnson. Illustrated. 50 cents.

### Vegetables Under Glass.

By A. Dreer. 25 cents.

 See our new Non-freezing Galvanized Iron Drinking Fountain for Poultry. Made in two parts; easily cleaned; cheap and lasting—THE BEST ON EARTH. Price 50c to 60c.

See Our New All Steel Plow. Visit Our Tin Shop and Bring Your Work.



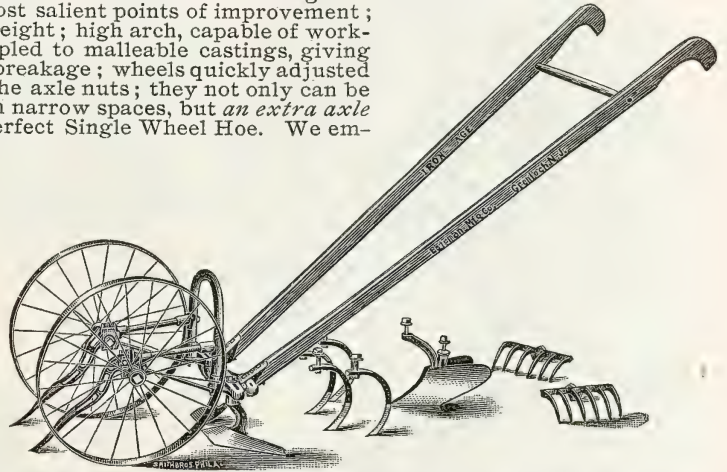
## THE IRON AGE GARDEN IMPLEMENTS.

"We want higher wheels." "The tool is too heavy." "The castings break too easily." Such expressions coming from users of various wheel hoes, together with our own practical tests, convinced us that however well supplied the market may be with these tools, and though excellent they may be, there was needed further improvement in this line. Hence the "Iron Age" Wheel Hoes.

We would call attention to the most salient points of improvement; very light steel wheels, 16 inches in height; high arch, capable of working 20-inch plants: tubular frame, coupled to malleable castings, giving extreme lightness with freedom from breakage; wheels quickly adjusted in height without entirely removing the axle nuts; they not only can be placed inside the frame for working in narrow spaces, but *an extra axle is sent out with each tool*, making a perfect Single Wheel Hoe. We emphasize this point strongly, as a single wheel is certainly preferable in all garden work, with the single exception of working astride the row. The vine lifters are adjustable in height, and without entirely removing the confining nut.

The tool is fully equipped with side hoes and plows, finely shaped and polished, while the slender steel cultivator teeth are particularly adapted for thorough and deep cultivation, even in very hard soil. A pair of rakes is also included, which do admirable work in various ways, particularly in destroying young weeds, and fining the soil preparatory to seed sowing. We do not claim these as a novelty, having been used long since under the expired Comstock patent.

We wish to strongly emphasize the really extraordinary ease with which the "Iron Age" Wheel Hoe is operated, the lightness and construction of the tool being such that every ounce of effort goes direct to the work accomplished.



IRON AGE DOUBLE OR SINGLE WHEEL HOE.

Price \$6.00.

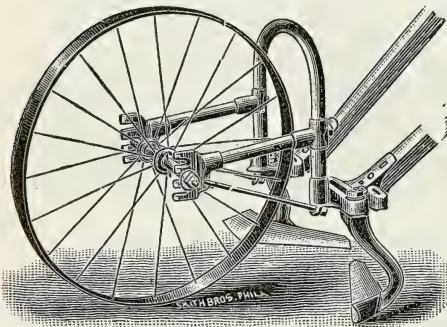


Fig. 76.

Showing the Double Wheel Hoe set up as a Single Wheel.

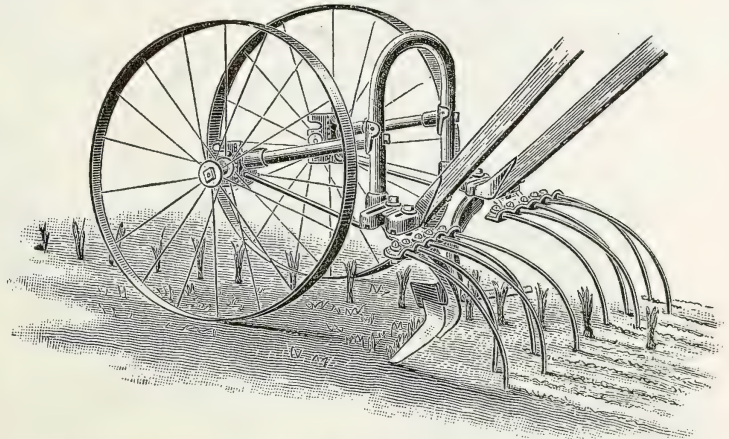
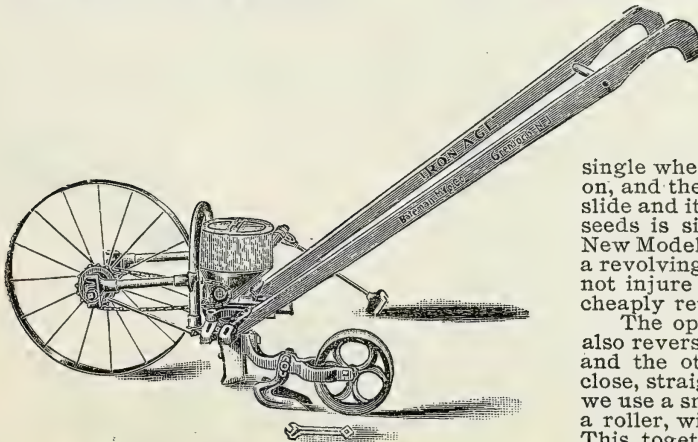


Fig. 81.

The Weeder Attachment. Price, per pair \$1.00.



IRON AGE COMBINED SEED DRILL AND WHEEL HOE.

Packed Weight, 50 Lbs. Price, \$9 00.

tool possible. It is a whole toolhouse in itself. It plows, levels, furrows, sows, covers, rakes, cultivates, hoes and hills, and does each and every operation in the most satisfactory manner.

In designing our Seed Drill Attachment for the Double Wheel Hoe, we have kept in view simplicity of construction, convenience of adjustment, and perfection of work.

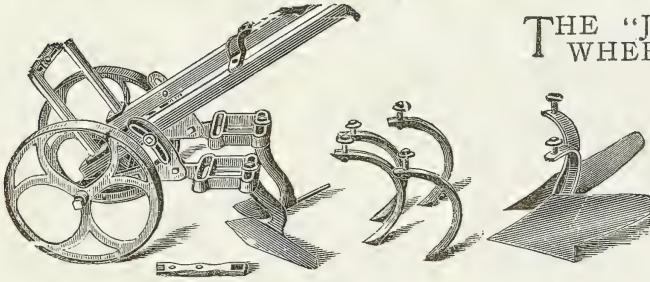
The drill attachment is complete in itself, and when put in place requires but two bolts to secure it; the single wheel is then put in position, the chain run on, and the drill is ready for operation. The seed slide and its index adjustment to sow the various seeds is similar to that used on our well known New Model Seed Drill, while the agitator is simply a revolving brush of selected bristles, which will not injure the seed, wear a long time, and can be cheaply replaced.

The opening plow is adjustable in depth, and also reversible, one end being wide for onion seed, and the other narrow for placing the seed in a close, straight line. In place of a covering roller we use a small steel smoother--doing the work of a roller, with none of its weight and clumsiness. This, together with the coverer, to which it is attached, is adjustable to suit various soils and depths of covering.

The Combined Drill includes all the attachments above, and we claim that anyone buying it possesses at once the most complete and perfect

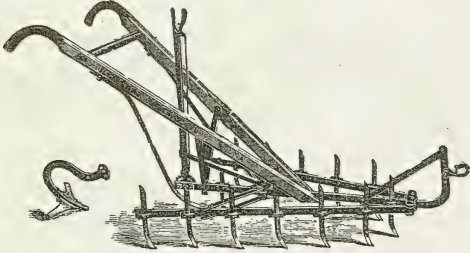


## THE IRON AGE GARDEN AND FIELD IMPLEMENTS.



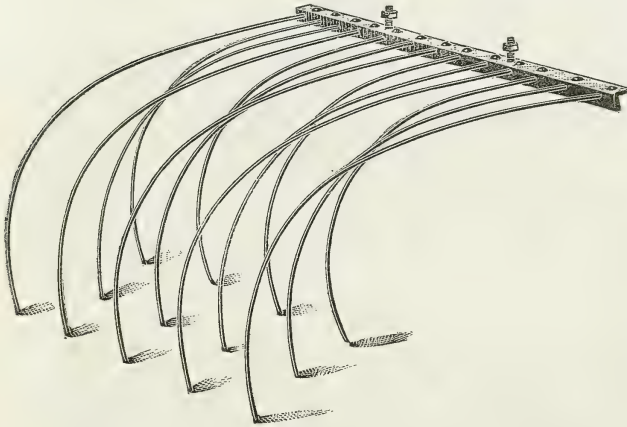
THE "JEWEL" DOUBLE AND SINGLE WHEEL HOE ARE "LEADERS" and stand first in everything of their kind. With the exception of the handles and wheels they are made entirely of malleable iron and steel. With each tool there are a number of attachments, making the Wheel Hoe suitable in cultivating all kinds of crops.

THE JEWEL DOUBLE WHEEL HOE, \$4.00.



The "Iron Age" Combined Harrow and Cultivator.

For a cultivator thoroughly made, and of high quality, one could not do better than buy the "IRON AGE." Strong, light and handsome.

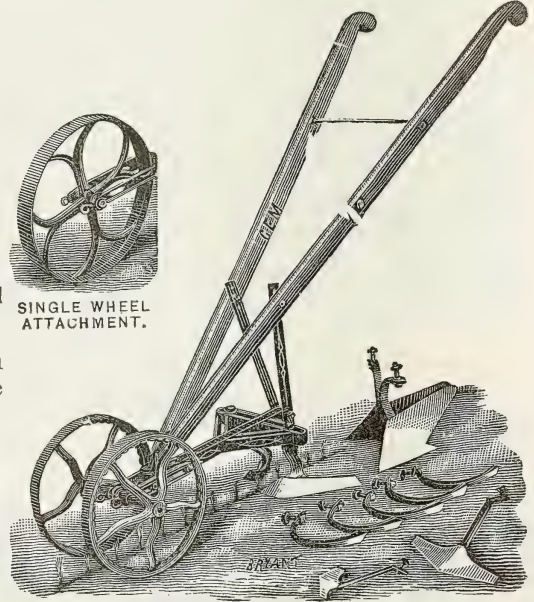


POTTER'S WEEDER ATTACHMENT.

### THE NEW MODEL SEED DRILL.

Price \$7.00.

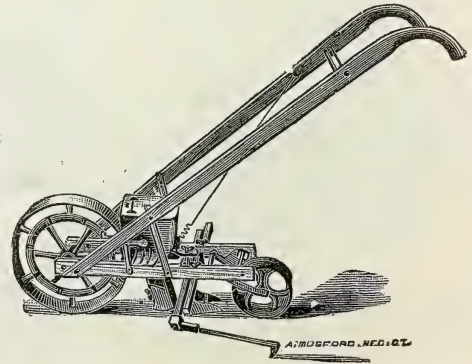
We place the New Model Seed Drill at the head of the list, because there is where it properly belongs. This drill contains all the good points of every old drill in the market, with this point in addition: the slide, or hole through the slide where all the seeds have to pass, is adjustable, and the slide can be changed to a fraction by the operator, thus admitting exactly the quantity of seed required. The hole is diamond shaped, which is another advantage for rough or irregular shaped seed. CUT-OFF--The flow of seed can be instantly stopped by a swinging cut-off, conveniently operated by a cord and ring on handle. This cut-off prevents all loss of seed at ends of rows, and its swinging or gravity form will be found far preferable to one that slides under, as it cannot injure the falling seeds.



THE GEM WHEEL HOE.

Price, \$4.00.

The "Gem" is the most practical tool for every-day use that is offered to the gardening public. It is made largely of steel and malleable iron. It is strong, yet light in appearance and well finished. This is just the tool for your garden, as you see by the cut it can be made into either a single or double wheel hoe.





# "Acme" Seed-Drill

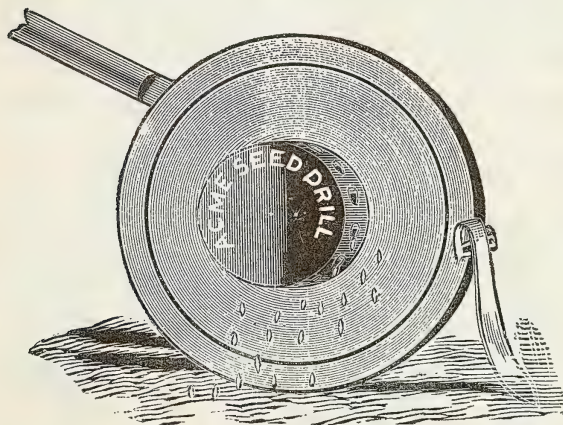
FILLS the long-felt want for a Handy Garden Seed-Drill. Cheap but practical.

## This Practical Drill

Sent you for \$1.25. Isn't It Cheap Enough?

...BY USING THE...

## "Acme" Garden Seed Drill



You secure a better stand.

You get healthier and stronger plants.

You don't waste any seeds.

You save time. The work is easy.

## A GARDEN SEED-DRILL

that will distribute Beet, Cabbage, Carrot, Radish, Turnip, and all other such seeds with PERFECT REGULARITY. It is utterly impossible for it to sow anything but accurately, doing the work as thoroughly as the costly machines, and will cover TEN TIMES the ground that can possibly be covered by hand. It is simple in construction, so easily understood that a child can be instantly taught to use it; so simply constructed it is impossible to get out of order.

## Mastica, for Glazing

Greenhouses, Sashes, etc., new and old. It is elastic, adhesive and easily applied; it is not affected by dampness, heat or cold.

Every florist has experienced difficulty in obtaining putty (whether ordinary or white lead) for glazing, that is satisfactory for any length of time. The fact is, putty is not adapted for greenhouse work. After much study the inventor of "Mastica" decided that the composition must be of different material, and the qualities must be elastic and tenacious to admit of expansion and contraction without cracking. "Mastica," when applied, in a few hours forms a skin or film on the entire mass, hermetically sealing the substance, and preventing the evaporation of the liquids, and remains in a soft, pliable and elastic condition for years. "Mastica" is of great value in going over old houses with a putty bulb or maching on the outside of sash, as it makes it perfectly tight and saves the expense of re-laying the glass.

Prices of Mastica (soft for machine application). . . . . 1/2 gallon 75c. ; gallon \$1.25.

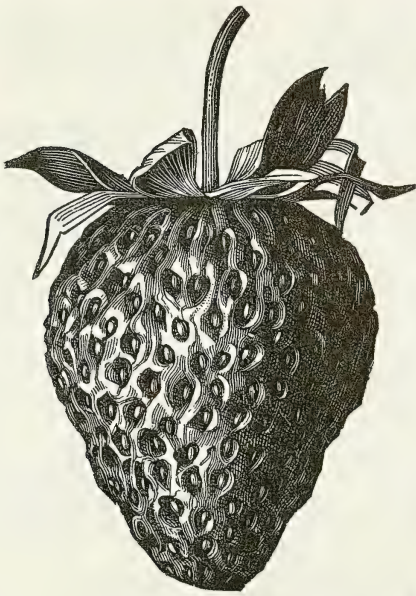


MASTICA  
GLAZING  
MACHINE  
\$1.25 each.

## GALVANIZED IRON BASKET and BERRY BASKET.

Your attention a moment to our **Good Basket** at a moderate price. **Berry Baskets and Crates**—Our Baskets fit the Crate perfectly, and are the correct size and shape. I can save you money on berry baskets if you will place orders early Call and see us before purchasing. **Potting Earth 75 cents per bushel.**





# Strawberry Plants.

We are pleased to announce that we can furnish choice, thrifty strawberry plants of the varieties named below and recommend them to our customers. Prices are reasonable. Leave orders early.

Can also furnish the Red Everbearing Bush Strawberry. Blossoming and bearing from June to frost. No vines. Price, 75c. per dozen.

**A Decided Novelty and Something New!**

**Special Prices in Lots Over 1,000.**

## PRICE LIST.

ATLANTIC.			
Varieties.	Doz.	100	1,000
Atlantic.....	25c	\$1.00	\$5.00
Brandywine.....	25c	50	3.00
Brunette.....	25c	1.00	5.00
Bismarck.....	25c	1.00	8.00
Bubach No. 5, (P).....	25c	50	3.00
Beder Wood.....	25c	50	2.50
Burt.....	25c	50	1.50
Clyde.....	25c	1.00	8.00
Cham of England.....	25c	1.00	8.00
Crawford.....	25c	50	3.00
Edgar Queen (P).....	25c	50	3.00
Enormous (P).....	25c	\$ .85	6.00

Varieties.	Doz.	100	1,000
Eureka (P).....	25c	\$ .40	\$3.00
Fountain.....	25c	1.00	8.00
Glen Mary.....	30c	1.25	8.00
Gandy.....	25c	.75	8.00
Greenville (P).....	20c	50	3.00
Gardner.....	25c	1.00	8.00
Hunn.....	50c	1.50	10.00
Lady Thompson.....	20c	50	3.00
Leader (P).....	20c	50	3.00
Lovett.....	20c	50	3.00
Marshall.....	25c	\$ .85	5.00

Varieties.	Doz.	100	1,000
Mary (P).....	25c	\$ .85	\$8.00
Michigan.....	25c	1.00	8.00
Mitchel's Early.....	25c	50	3.00
Oswego Queen.....	25c	1.00	8.00
Princess (P).....	20c	.85	4.00
Parker Earle.....	25c	40	3.00
Saunders.....	20c	50	5.00
Sprawlers (P).....	20c	40	2.00
Splendid (P).....	20c	40	3.00
Timbrell (P).....	25c	1.00	5.00
Wm. Belt.....	25c	1.00	8.00

## RASPBERRIES.

Black Diamond....	\$1.00	\$10.00
Cuthbert, Red.....	60	5.00
Doolittle.....	60	4.00

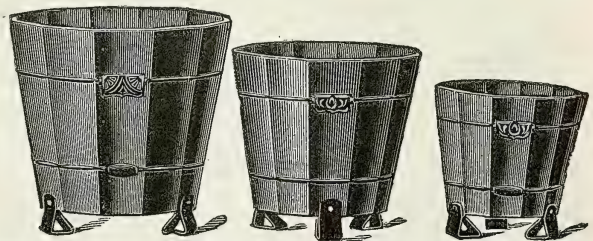
Gregg.....	\$ .60	\$5.00
Kansas.....	1.00	8.00
Milis No. 15.....	.75	5.00
Ohio.....	50	4.00

Onondaga.....	\$2.00	\$20.00
Palmer.....	60	5.00
Snyder, Blackberry	1.00	8.00

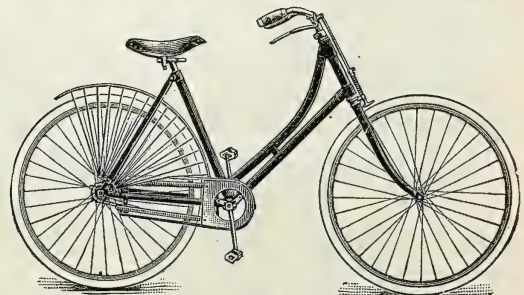
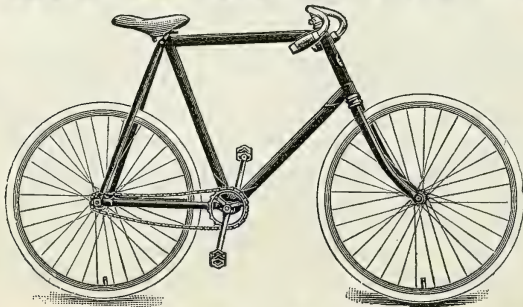
**PERFECT AND IMPERFECT BLOSSOMS.**—Strawberries are all perfect or imperfect, or in other words, male and female. Those marked (P) are imperfect and destitute of stamens, and must be planted so that they can be fertilized with perfect flowering varieties, every three, four or five rows.

## COLUMBIA Flower Tubs

**ALL PRICES.**



**RELAY BICYCLES, Price, \$25.00 to \$50.00.**



**Warranted. Call and See them. Quick Sales and Small Profits.**

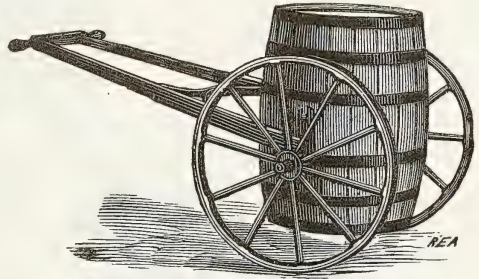


FOR  
POTATO  
BUGS

## Beat This If You Can. Quick Work, Cheap Price. \$3.50

*One man does the work of twelve and need not stoop down either.*

Prepare your Paris Green or London Purple in a pail or barrel of water, one teaspoonful to the pail. Make a paste of it, and then mix it good that no little lumps are left, fill the apparatus and stand it on a bench or barrel. Put it on your back and proceed with your work. You will do more work than twelve men with a whisk broom. Move your hand from right to left, etc. You will find that you will sprinkle your potatoes as fast as you walk, from 12 to 15 feet on each side of the path, and your vines will look as if covered with a fog or dew. The spray is controlled in your own hand. You can spray far or near as you wish. NO WASTE WHATEVER. No large drops like from the whisk broom or other methods, which largely hurt the plants. For the Cotton Worm, Cabbage Worm, Tobacco Plants, etc., use in the same manner. For shrubbery, young fruit trees, hops and grape vines, turn the hose upward. You can throw a mist 12 to 15 feet high; you will get a regular misty shower or vapor spray on the under side of the leaves. Spray stops by relapsing pressure of the thumb.



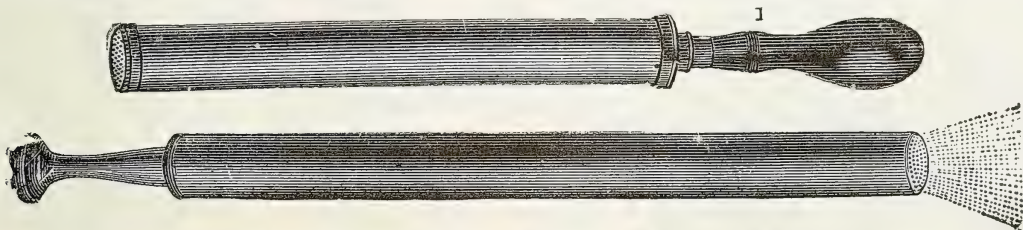
**As Fast as You Walk.**

**Truck Only, \$7.00;**

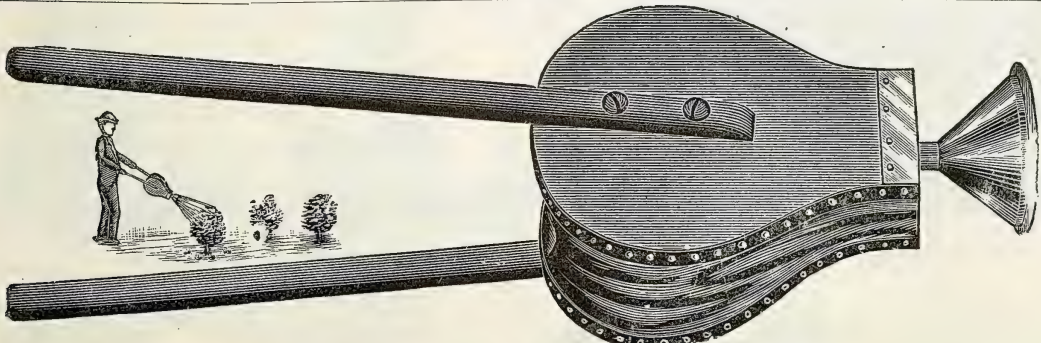
**With Barrel, \$9.00.**

**With Wheels 1½ Inches Tread.**

NOTE THE FOLLOWING.—Mr. Oney Sayles, of Bridgeport, says: "I sprayed my trees and picked 1,010 bushels of apples, which brought me 25 cents per barrel more than unsprayed fruit. My spray pump cost me \$8.00, and was the cause of saving me over \$100 cash. I used London Purple in spraying."



**SYRINGES. \$1.00, \$2.25, \$3.00, \$4.50.**



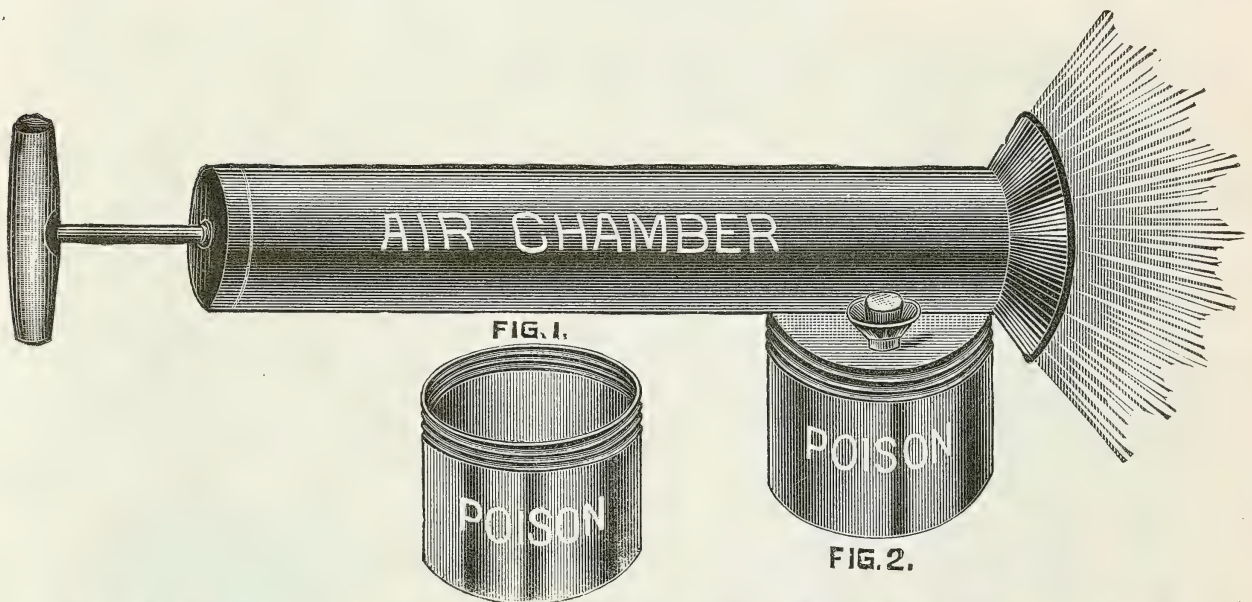
**THE ELECTRIC OR LIGHTNING INSECT EXTERMINATOR.**

**Simple, Practical, Effectual, Cheap.**

**Price, 75c.**

The most economical, cheap and effectual device for applying Paris Green with little labor. Death on Potato Bugs. Paris Green applied with this machine will knock them stiff, all sizes and ages, every time. Only one pound required for an acre of potato vines. Experience has proven that Paris Green applied does not injure the vines, and is far more effectual than when mixed with plaster, etc."





**Kill, Exterminate or Drive Away Every Living Thing Obnoxious to Yourself, Animals or Crops by Using the**

## **LIGHTNING BUG EXTERMINATOR.**

[Patent Applied For.]

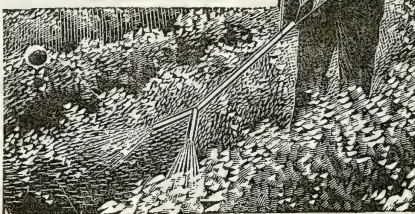
Fig. 1 represents the reservoir detached so that it can be cleaned or liquids changed, which is done by simply unscrewing the reservoir, and at all times to see that the machine is in proper working order.

Fig. 2 shows the Reservoir attached ready for work, with a funnel-shaped hole for filling. To remove the plunger from the air chamber simply twist the little cap at the rear of the air chamber, which unlocks, and draw the plunger out, in case it becomes hard or dry. At all times the leather should be kept oiled.

### **LEGGETT'S PARIS GREEN OR DRY POWDER GUN.**

For Orchard, Vineyard, Garden or Potato Field. Distributes Paris Green, Sulphur, "Fungioid," (a powdered Bordeaux Mixture) or any dry powder.

**THOUSANDS IN USE**  
Illustrated Circular on application.



A  
Won-  
derful  
Inven-  
tion  
Light,  
Swift,  
Easy,  
Safe,  
Strong  
and  
Cheap.

### **LEGGETT'S GREAT**

## **Paris Green or Dry Powder Gun.**

**For Distributing Dry Insecticides and Fungicides.**

May be used at any time of day on dry or wet foliage.

**Thousands in Use.**

Distributes Green, London Purple, Hellebore, Sulphur, Lime, "Fungioid," Tobacco Dust, etc.

**For the Farm, Orchard, Vineyard and Garden.**

Destroys Potato Bugs and all Insects.

Prevents Blight.

Sure, Rapid, Safe, Strong and Cheap.

Poisons are More Effective when applied Dry.

**Full Directions with each Machine.**

## **INSECTICIDES.**

Tobacco Dust and Sulphur, per lb.....	\$ .10	Persian Insect Powder..... oz. .10, lb. .50	
Nickoteen, per pint.....	.50	Jumbo Powder Gun.....	.25
Tobacco Soap, per pkg.....	.25 and .35	Cooper's Sheep Dip.....	.50 and 2.00
Tobacco Stems.....	1.50	Eureka Fumigator.....	1.25
Soluble Fir Tree Oil, per can.....	.05 and .10	London Purple, per lb.....	.25
Whale Oil Soap, per pkg.....	.25	Hellebore, per lb.....	.20
Fir Tree Oil Soap, per pkg.....	.06	Grape Dust, per pkg.....	.50
Slug Shot, per lb.....	.10, .25, .50, 1.00	Paris Green, der lb.....	.25
Lambert's Death-to-Lice.....			



## RUMSEY'S SUPERIOR DOUBLE-ACTING SPRAY PUMP.

Fig. 391 represents our new Double-Acting Force Pump, which is superior to anything heretofore offered for spraying trees or plants with poisonous mixtures. Being double-acting it throws a continuous stream which, with our "Lilly" nozzle can be diffused over a wide area.

This pump is fitted for hose or iron pipe as ordered. Made in one size only.

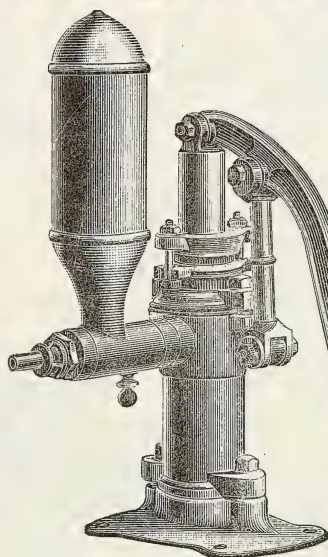


FIG. 391. Size, Price, Etc.

Diameter of outer Cylinder.	Diam. of differ'nt'l Plunger.	Stroke.	Suction Pipe.	Hose Disch'rge	Pipe Disch'rge	Price.
2½ in.	1¾ in.	3 in.	1 in.	½ in.	¾ in.	\$7.00

## RUMSEY'S "LILLY" SPRAYING NOZZLE.

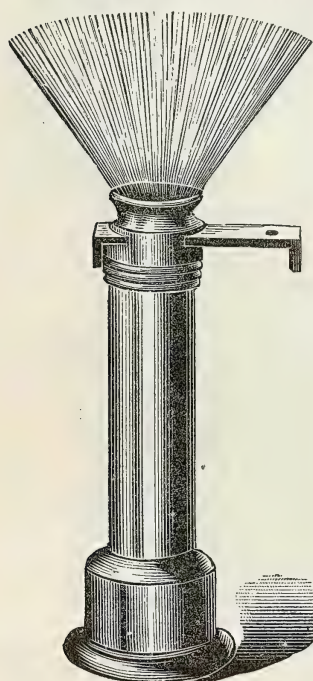
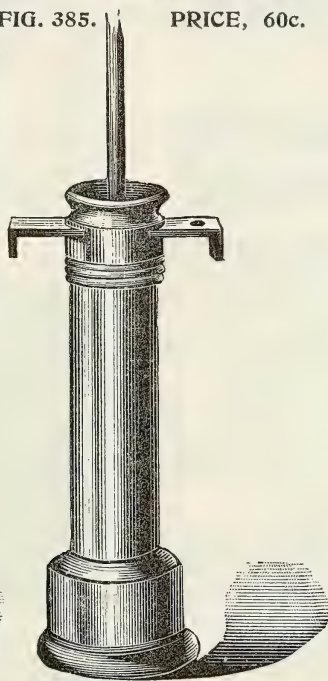
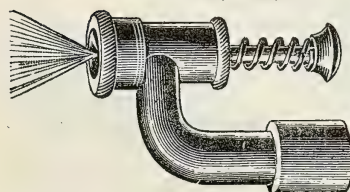


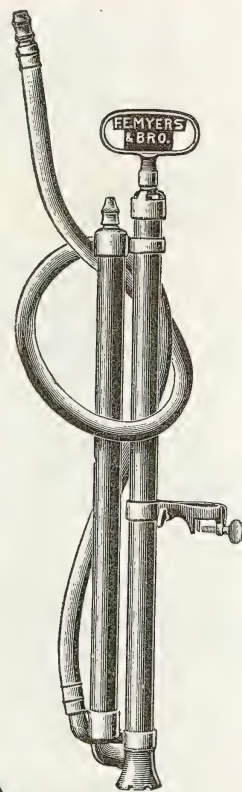
FIG. 385. PRICE, 60c.



## VERMORELL NOZZLE.

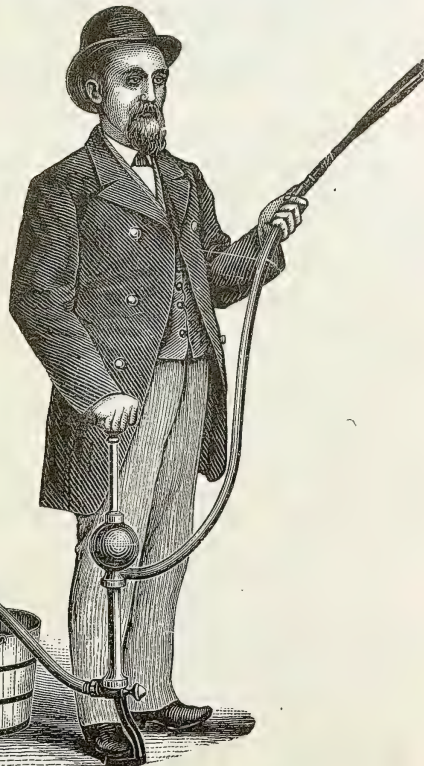


The nozzle is arranged with stuffing box so that the liquid will not wet the operator while being used; fitted for half-inch male end of quarter-inch pipe. Each nozzle is furnished with two caps, with different sized openings for coarse or fine spray. Price, each, \$1.00.



Price, \$3.00.

Myers Bucket Brass Spray Pump, with agitator, complete, with Hose, Combination, Fine and Coarse Spray and Solid Stream Nozzles.

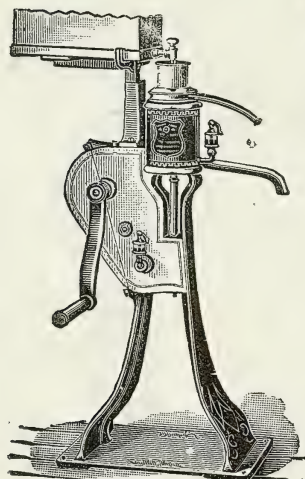


Price, \$4.50.



# U. S. CREAM SEPARATORS AND OTHER DAIRY SUPPLIES

At Special Prices This Season.



Improved U. S.  
Cream Separator  
With Encased Gear.

WE GIVE the names of a few who use the celebrated U. S. Cream Separators and are pleased to refer any one to them for reference. This is better than anything we might say for the Separator:

Grove P. Smith, Baldwinsville.  
F. C. Harp, Cottons.  
H. E. Dow, Belle Isle.  
Josiah Betts, Syracuse.  
Yates Hotel on Geddes Farm.  
D. E. Olmstead, Syracuse.  
W. A. Coyler, Minoa.  
C. S. Wilbur, Fairmount.  
C. A. Wilcox, Fairmount.

The U. S. Separator can be seen at our store. Catalogue and information free.

## CREAM IN ONE HOUR.

THE GREAT LABOR SAVER....

### Wheeler's Gravity Cream Separator.

A new device to separate cream from milk by the dilute process, which reduces the viscosity of the milk, thereby securing the cream in two hours. No ice to handle; no cranks to turn; no machinery to run and keep in repair.

It is always ahead of the best Creamery, being the *cheapest, best and easiest* device to handle milk on the market, and you will make no mistake if you investigate its merits.

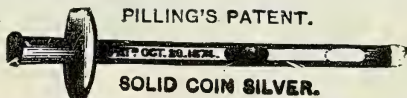
Those that keep only one or two cows, as well as the large dairymen, can have the advantage of a separator at a small cost, compared with the centrifugal separator or creamery.

Sizes made to fit and dairy from one cow up. State the number of pounds of milk you have to separate each day, and we will quote prices.

#### PRICE LIST OF GRAVITY CREAM SEPARATOR.

No. 0, for 1 to 2 cows, capacity	60 lbs.	milk per day.....	\$ 4 00
" 1, " 3 to 4 cows, " "	100 lbs.	" " " " " " " "	6 00
" 1½, " 4 to 6 cows, " "	150 lbs.	" " " " " " " "	5 00
" 2, " 5 to 7 cows, " "	200 lbs.	" " " " " " " "	9 00
" 3, " 8 to 15 cows, " "	400 lbs.	" " " " " " " "	11 00

### Milking Tubes.



PILLING'S PATENT.

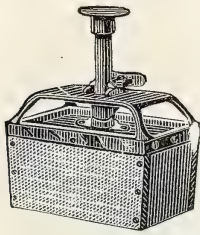
SOLID COIN SILVER.

For Sore and obstructed Teats and for Hard Milking Cows.

FULL DIRECTIONS WITH EACH TUBE. 50c to \$1.25 each.

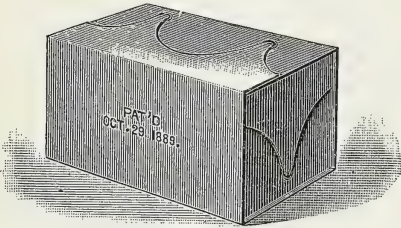




**Eureka Butter Printer.**

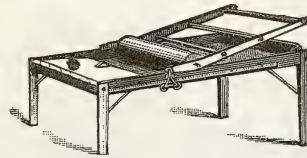
Self-gauging. Per pound or half pound.

No. 1	.....	\$4 50
No. 2	.....	3 50

**PIKE'S BUTTER BOXES.**

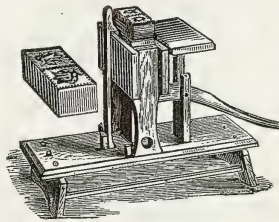
BOX CLOSED.

For 1 lb. prints made of hard wood,  
per hundred.....\$ 75  
Crates furnished holding 5, 10, 20, 30, 40  
and 50 boxes. Write for prices.

**EUREKA BUTTER WORKER.****PRICE LIST.**

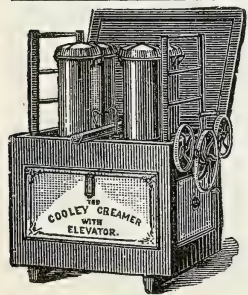
No. 1, Family size, works 8 to 10 lbs..	\$ 6 00
No. 2, Dairy size, " 10 to 20 lbs..	8 00
No. 3, " " 20 to 40 lbs..	10 00
No. 4, " " 40 to 60 lbs..	12 00

Write for special circulars.

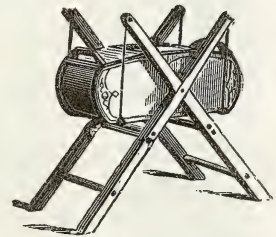
**Nesbitt Butter Printer**

½ lb.....	\$4 00
1 lb.....	4 50

Self-gauging \$1.00 extra.

**Davis Swinging Churn.**

No. 00, 2 Cans, 4 to 6 cows.....	\$32 00
No. 2, 4 Cans, 9 to 12 cows.....	45 00
No. 3, 6 " 12 to 18 ".....	57 00
No. 4, 8 " 18 to 24 ".....	68 00
No. 5, 10 " 24 to 30 ".....	79 00
No. 6, 12 " 30 to 36 ".....	93 00
No. 7, 14 " 36 to 42 ".....	105 00
No. 9, 16 " 42 to 48 ".....	117 00



With Elevator.

**Price List Davis Swing Churn.**

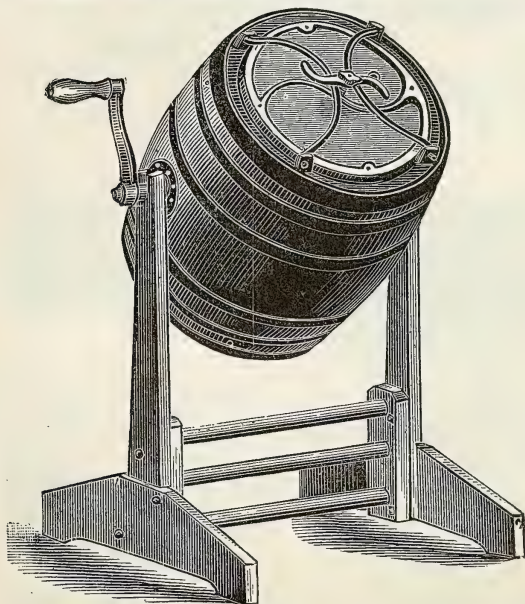
No. 1, Cap. 7 gal., churn 3 gal. or less...	\$ 7 00
No. 2, " 10 " " 5 " ".....	8 00
No. 3, " 16 " " 8 " ".....	10 00
No. 4, " 24 " " 12 " ".....	12 00
No. 5, " 30 " " 15 " ".....	15 00
No. 6, " 40 " " 20 " ".....	18 00

**Price List of Barrel Churns.**

No. 1, 10 gallon, will churn, 5 gallons...	\$ 4 50
No. 2, 15 " " 8 " ".....	5 00
No. 3, 20 " " 10 " ".....	5 50
No. 4, 25 " " 12 " ".....	7 00
No. 3, 30 " " 14 " ".....	8 00

Ten per cent. less for spot cash.

Oak Dash Churns, Stone Dash Churns, Dog Powers, Butter Workers, Skimmers, Butter Carriers, Ladles, Richardson's Butter Color Butter Prints, Floating Glass Thermometers, Dairy Thermometers, Cream Gauges, Babcock Butter Tester.



Milk Bottles and Caps in qt., pt. and ½ pt. supplied on order.

**Try Dwarf Essex Rape for Quick Pasture.** See page 14.



# TIN SHOP.

## MILK CANS--ALL SIZES.

Every can is made by an experienced man; every cover warranted to fit perfectly. Milkmen are invited to examine our work. Repairing promptly done, in the best manner, at a moderate price.

## PEDDLING CANS.

In 20, 30, 40, 50 and 60 Quart Sizes.

Carrying Cans, all sizes.....	\$ 50 to \$2 25
Dairy Cans, ".....	5 75 to 7 50
Wholesale Pails, ".....	50 to 75
Strainer Pails, ".....	60 to 90
Pint Dippers.....	45 to 60
Quart Dippers.....	50 to 75
Strainers.....	45 to 1 50
Tin Milk Pans, per doz.....	1 75 to 2 25
Tin Milk Pails, all sizes.....	30 to 1 00
Sprinkling Pots, ".....	25 to 1 25
Excelsior Strainers.....	2 00
"Our Own" Strainers.....	1 75
Aerators.....	3 00 to 6 50

ALL HAND WORK AND FULLY WRRRANTED.

Aerators Made to Order.

Tin Gutters, Galvanized Gutters,

Tin Roofing, Stencil Cutting,

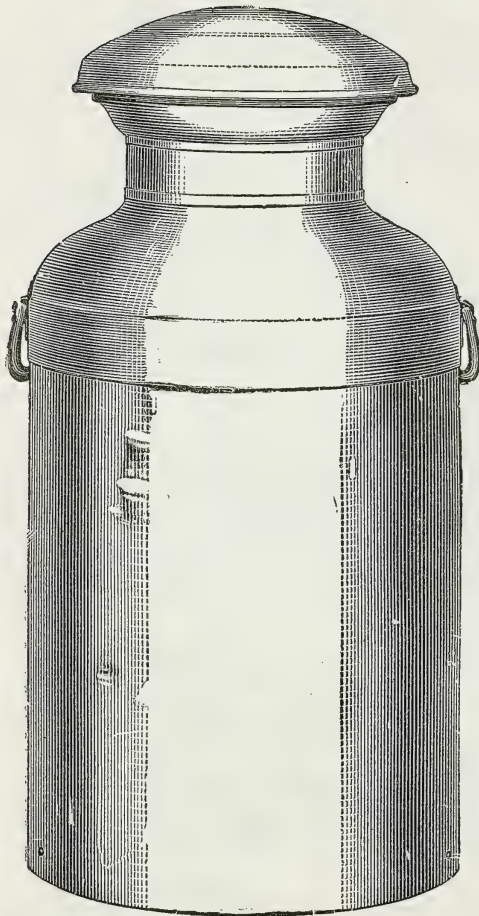
Galvanized Iron Work.

Everything in Tin Work made to order on short notice and in the best manner.

Shears, Scissors, Knives and Saws

Sharpened and Repaired.

ALSO GENERAL JOBBING.



50 QUART PEDDLING CAN.

## DRAIN TILE.



The following sizes of Tile always on hand:

Size.	Weight, Each.	Per M.	Size.	Weight, Each.	Per M.
2 Inch Rise, Sole Tile	3 lbs.	\$12 00	3 1/2 Horse Shoe Tile	4 lbs.	\$15 00
2 1/2 " " " " "	4 " "	15 00	4 " " " " "	5 " "	20 00
3 " " " " "	5 " "	20 00	5 " " " " "	6 " "	30 00
4 " " " " "	7 " "	35 00	6 " " " " "	8 " "	40 00
5 " " " " "	9 " "	50 00			
6 " " " " "	12 " "	70 00			

Length of Tile, about 14 inches.

Special price on car load lots direct from factory, which, being located at Chittenango, N. Y., on the lines of the N. Y. C. & H. R. R. R., the West Shore R. R., and Erie Canal, gives us exceptional shipping facilities.





"SOU" FODDER.

## LEAMING CORN.

This popular and distinct variety of yellow dent corn certainly has, beyond question, reached the grandest success of any yellow dent corn that has ever been brought before the American public. This corn is too well known to enter into a detailed description of its merits here; suffice to say that it is a very uniform, medium sized, very early (maturing in 90 to 115 days), very heavy, long eared corn, with stalk growing medium tall, and very thick and strong. Our farmers were very successful last season. The sale will be much increased in the future for ensilage.

## PRIDE OF THE NORTH.

By selecting and being grown for many years in Northern Wisconsin, has become quite distinct and is now about ten days earlier than the Leaming, and grows two feet less stalk. We carry stock of the Pride Corn and we will always supply you at lowest market price.

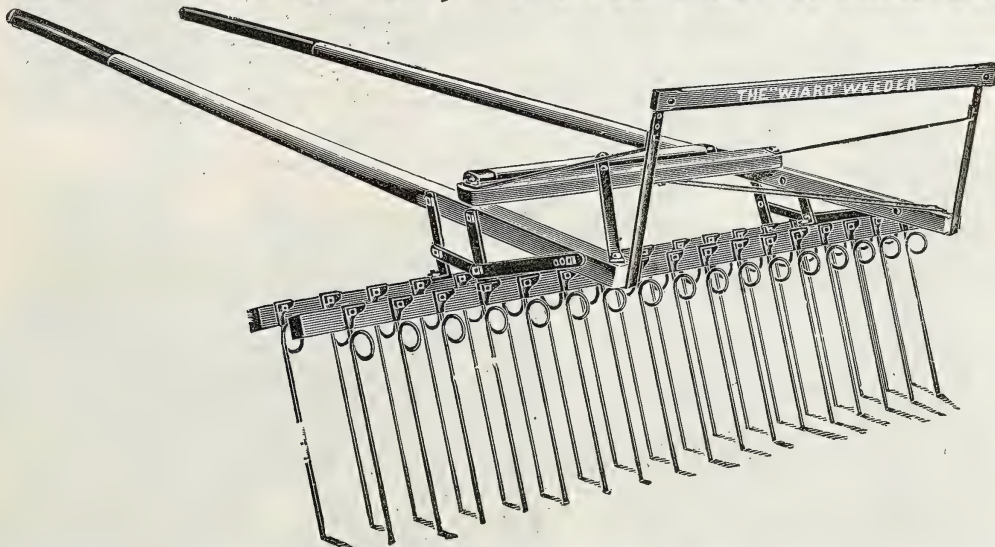
## SWEET CORN

For ensilage purposes we offer at a very reasonable prices.

## FIELD CORN.

We have a fine stock of White Canada Flint, Angel of Midnight, Early Smut Nose, and other varieties in traces and shelled.

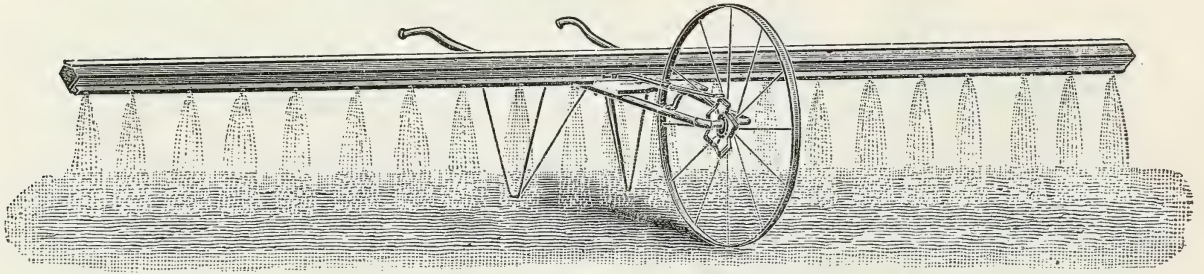
## THE WIARD ADJUSTABLE WEEDER.



Used with great profit on planted crops, and especially useful on wheat fields in early spring, when all weeds that may have started are eradicated and the soil made loose and friable, and in the best condition for the growth of grain. The steel teeth of this weeder may be adjusted to stand straight or sloped more or less, by simply changing the position of the bolts in the adjusting irons, adapting it to all conditions of soil. By using this weeder, fields of corn, beans, potatoes, etc., can be kept clean of weeds without the labor and expense of the hoe and without damage to the plants. One trial will convince any farmer that he cannot afford to be without this implement. Price, \$9.00.



## WHEELBARROW SEEDERS



WITH RUBBER, WIRE OR TWINE DISTRIBUTORS.

WITH WOODEN OR IRON FRAME.

THEY CAN BE WORKED BY ANYONE WHO CAN RUN A WHEELBARROW.

PRICE, \$6.00 TO \$8.00 EACH.

## THE LITTLE GIANT SEED SOWER.

This is the cheapest Crank Seeder on the market, and equal to the best for quality of work it does and durability. Don't pay \$5.00 for a seeder when you can get its equal for less money.

### They Recommend Themselves on Sight.

They are the lightest running.

They place the operator in an easy position.

They only need a trial to prove their superiority.

They save one third seed and two-thirds labor.

CRANK SEEDERS,	-	-	-	-	\$2.00.
FIDDLE	"	-	-	-	1.75.

## THE EMPIRE COMBINED CORN DRILL, \$17.00.

IS the only corn drill manufactured that has a *positive force feed* fertilizer attachment.

The discharge of corn and fertilizer can be seen at all times by the operator.

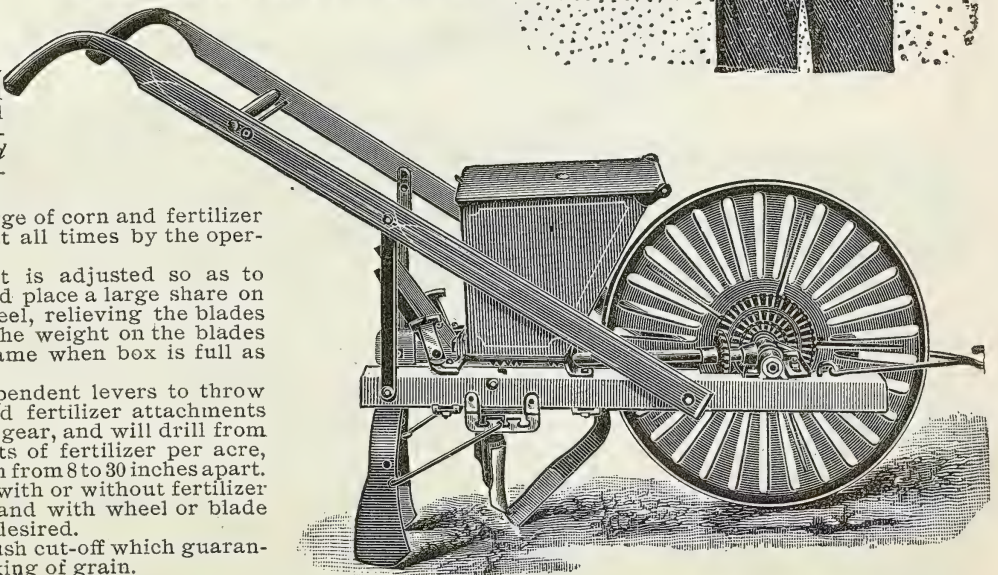
The weight is adjusted so as to equalize it and place a large share on the front wheel, relieving the blades and making the weight on the blades nearly the same when box is full as when empty.

It has independent levers to throw both corn and fertilizer attachments in and out of gear, and will drill from 23 to 120 quarts of fertilizer per acre, and drop corn from 8 to 30 inches apart.

Furnished with or without fertilizer attachment, and with wheel or blade covers, as desired.

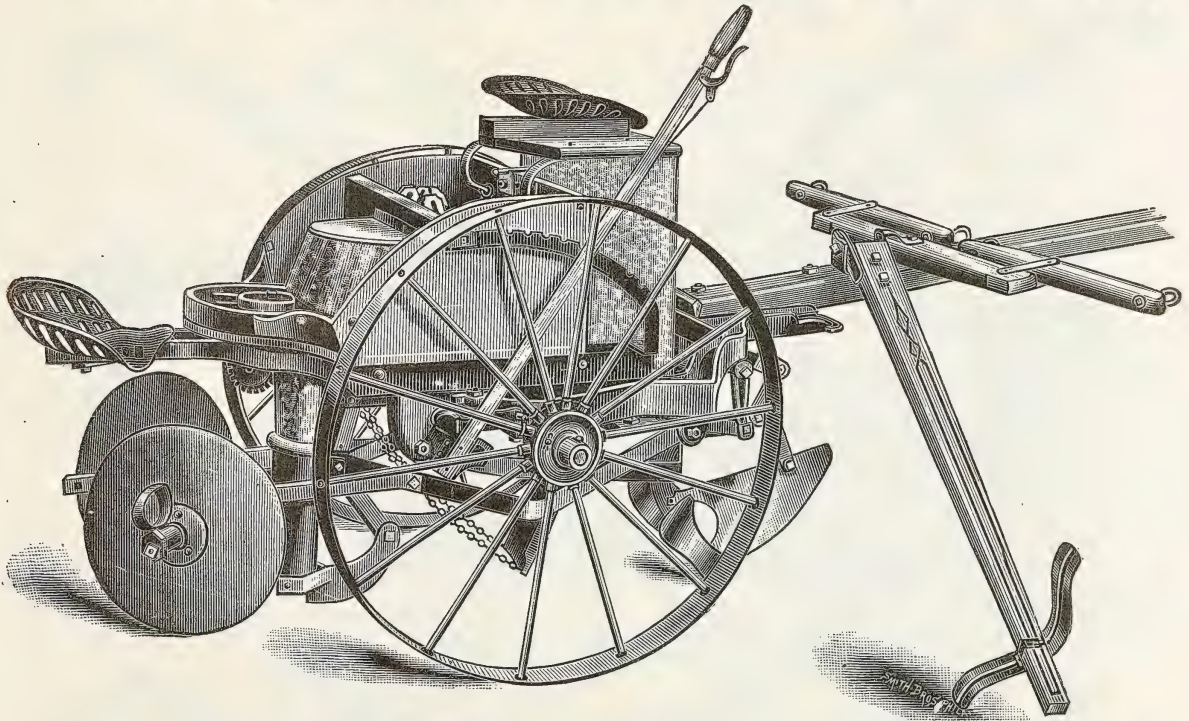
It has a brush cut-off which guarantees no breaking of grain.

Two plates are furnished with this corn drill, one for large and one for small corn.





# The Improved Robbins Potato Planter.



A machine that is completely and thoroughly successful. Has none of the faults of other planters, and does better work than planting by hand.

**NO MORE DREAD OF POTATO PLANTING TIME.  
FULLY GUARANTEED.**

Call and see it or send for Book. Will plant Potatoes, Beans, Corn, Peas. etc., with or without Phosphate.

We refer you to these gentlemen who are using them: C. C. Wilcox, Oswego Falls, N. Y., T. A. Mitchell, Weedsport, N. Y., Mr. Pendergast, Phoenix, N. Y.

## PRICE.

With Fertilizer Distributor,	-	\$65.00
Without " "	-	55.00
Pea and Corn Sower Attachment,	-	5.00
Leveler Attachment,	-	1.25

The American Standard

## HAND CORN PLANTER!

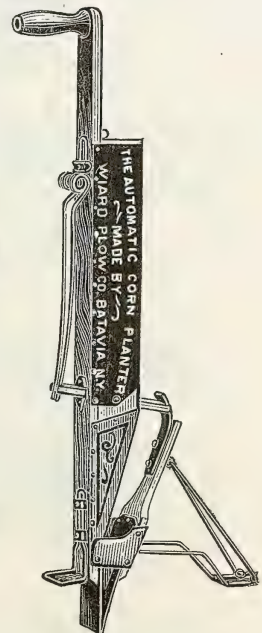
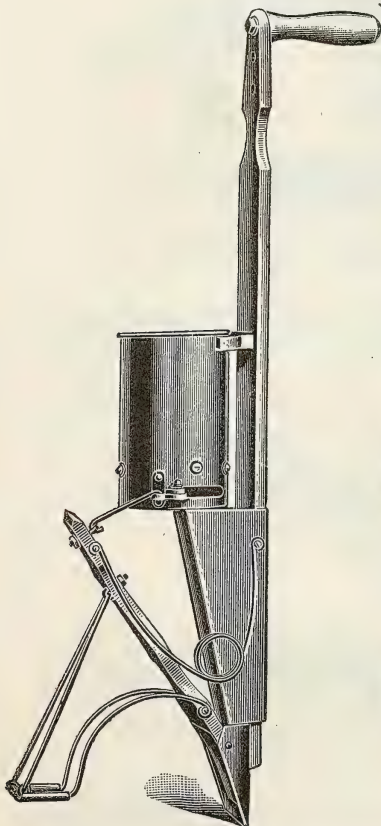
The Universal Favorite. Quickly adjusted for a light or heavy seeding, and rotates similar to the disc in a Horse Planter.

Wiard's Automatic

## Hand Corn Planter.

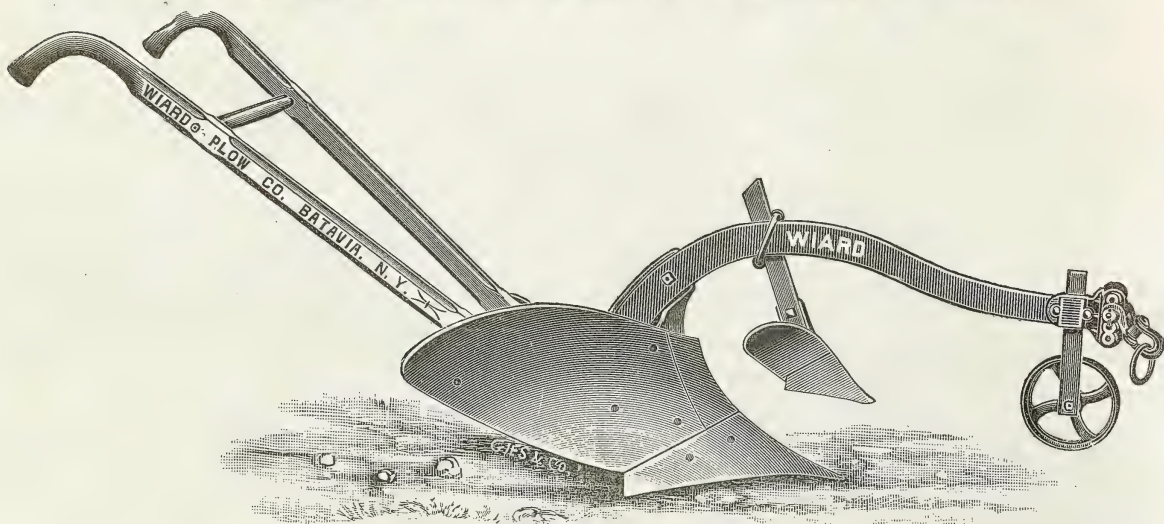
Simple! Durable! Economical!  
None Better.

Price, - \$1.75.



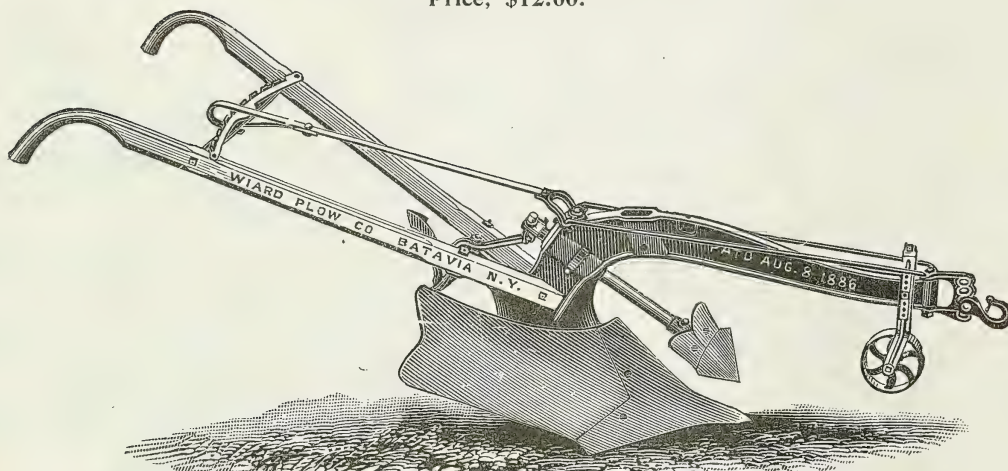


## Wood and Iron Beam Wiard Plows.



WIARD'S NEW STEEL PLOW No. 70.

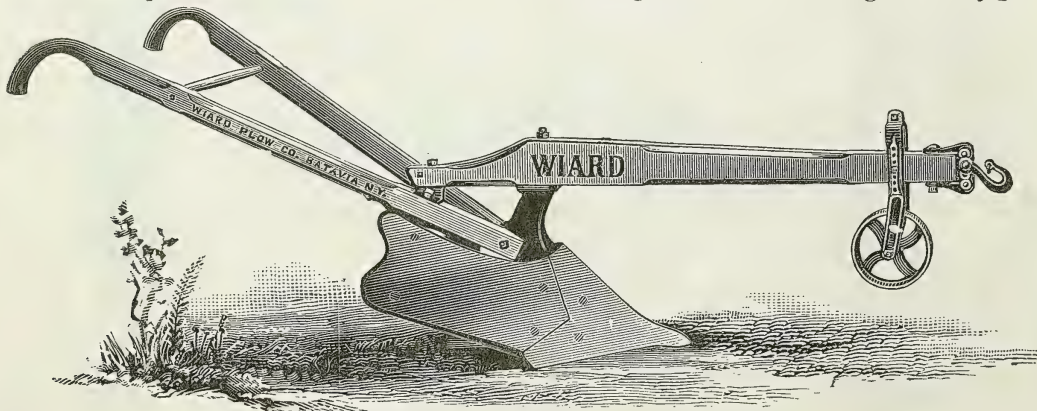
Price, \$12.00.



THE WIARD SWIVEL PLOW, WITH AUTOMATIC JOINTER OR COLTER.

Price, \$12.00.

One of the best plows for hillside or flat land and for cutting roots, or use in rough or stony ground.



ONE HORSE SWIVEL PLOW.

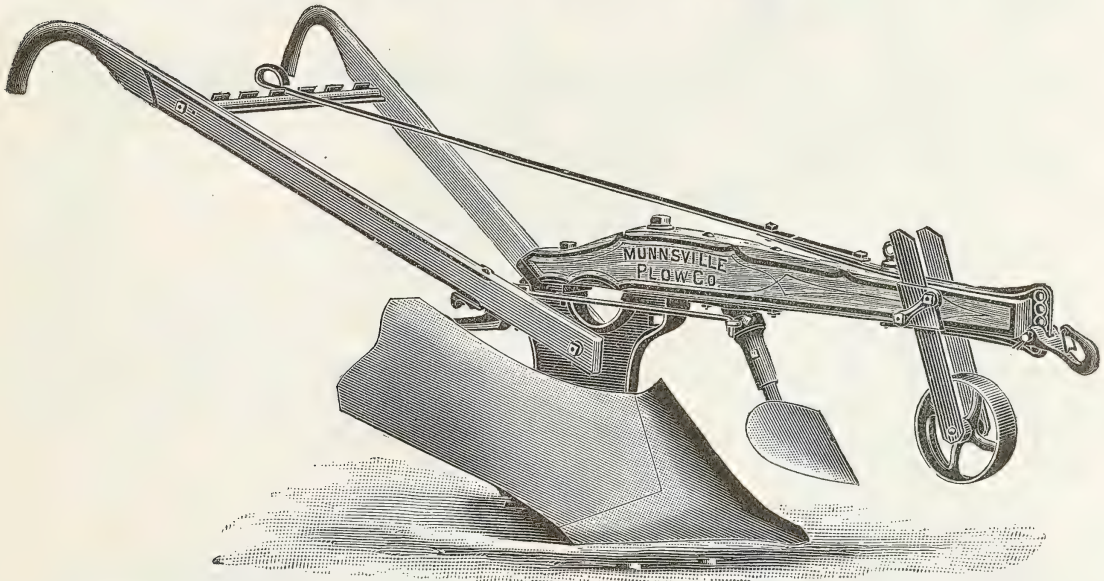
Price, \$8.00.

**WE CARRY A FULL LINE OF WIARD PLOWS AND EXTRAS.**

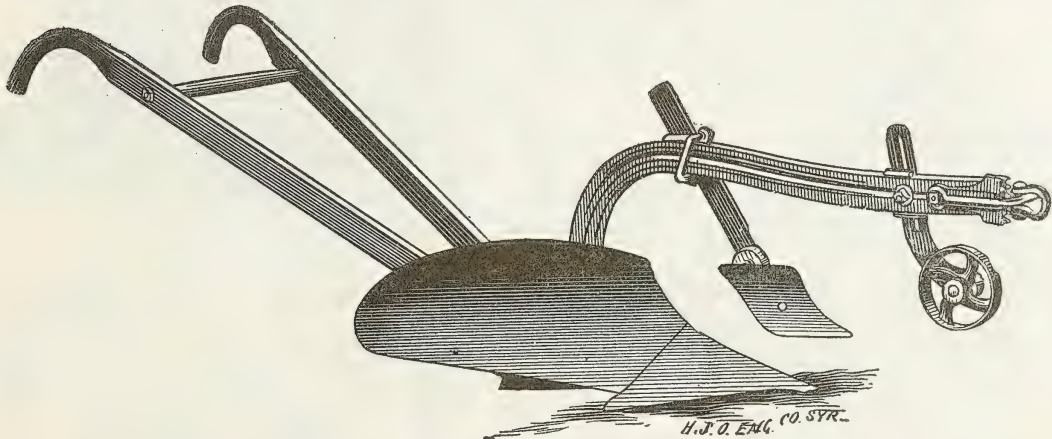


# MUNNSVILLE PLOWS.

## WOOD AND STEEL BEAMS

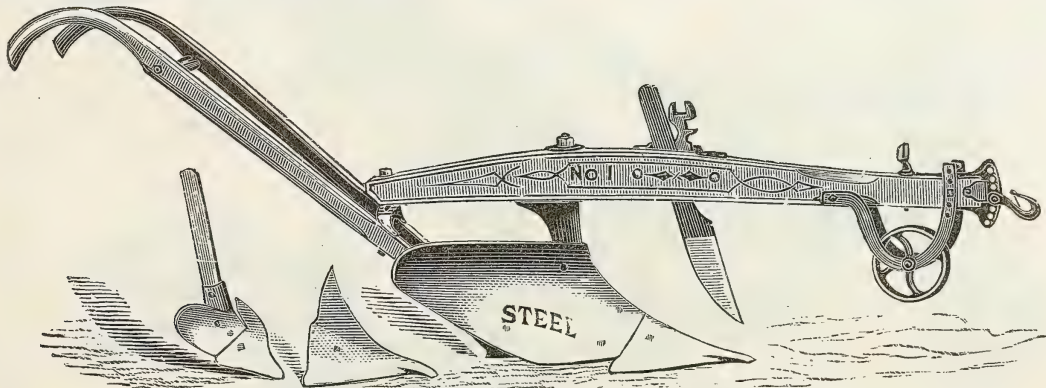


**No. 95.** This New Reversible Plow is one of the best on the market and will be sold on its merits.  
Price, \$12.50. Call and See It.



**STEEL BEAM PLOW, No. 10.**

This Plow is long on the run with a high Mouldboard, of a shape that insures easy draft, good cleaning qualities, and pleasing general appearance. Although its imitators are many, for general purposes it has never been equaled. Price, \$12.50.

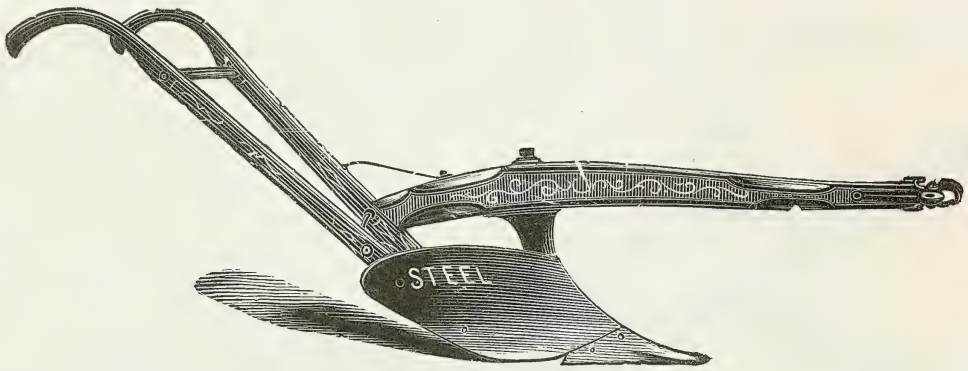


**ONEIDA VALLEY CLIPPER, No. 1.**

Unquestionably the best plow made. New Plows, New Cultivators, New Rollers, with all the latest improvements.  
A 100-foot Rope Ladder For Sale Cheap.

**WE CARRY A FULL LINE OF MUNNSVILLE PLOWS AND EXTRAS.**





ONEIDA VALLEY CLIPPER No. 2 1/2.

This is a light one-horse cast steel plow, adapted to plowing out corn, hops and nurseries. Can be gauged so as to plow to and from the rows. Price, \$8.00 plain. This cut also represents our new 2 1/2 Chilled Plow, and is one of the best one-horse plows in the market. The large increase in the sales of this plow the past season is the best evidence of its superiority. Our 1881 attachment to this plow, with the swing beam, makes the best one-horse plow in the market. Price, \$6.00 Plain.

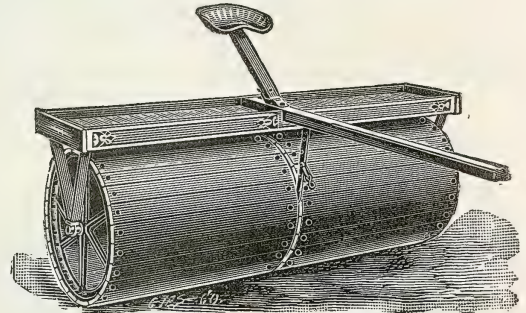
### Oak Stave Roller.

28 inch, two sections.....\$25.00

### Steel Roller.

26 inch, 2 sections.....\$30.00

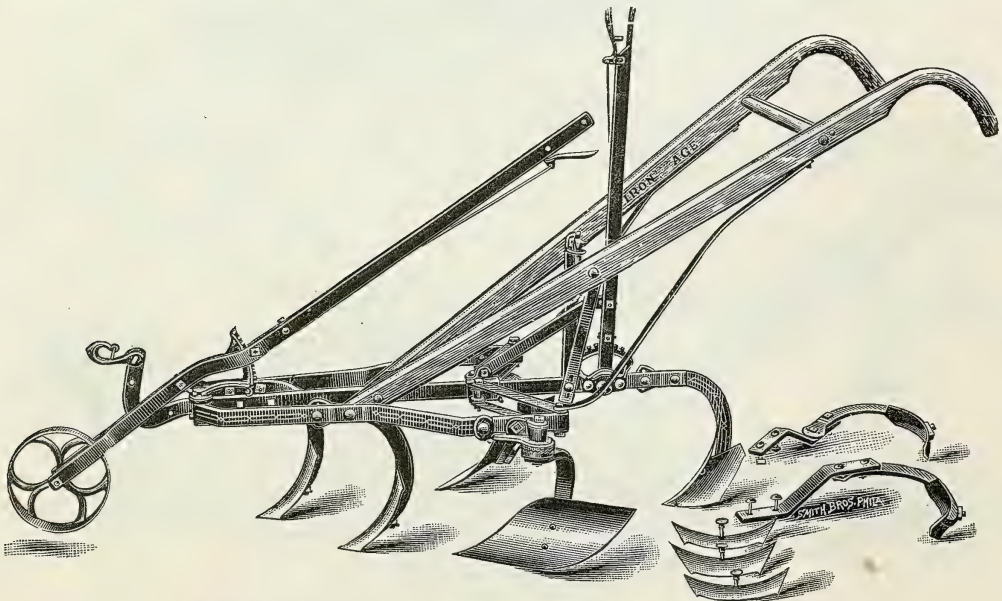
Lawn or Garden Rollers.....\$8.00 to \$12.00



OAK STAVE ROLLER.

### Ajax and the Deerfield Double Lever Cultivator.

Price, \$5.00.



WE SELL COOPER'S SHEEP DIP.



# PLOWS AND PLOW CASTINGS.

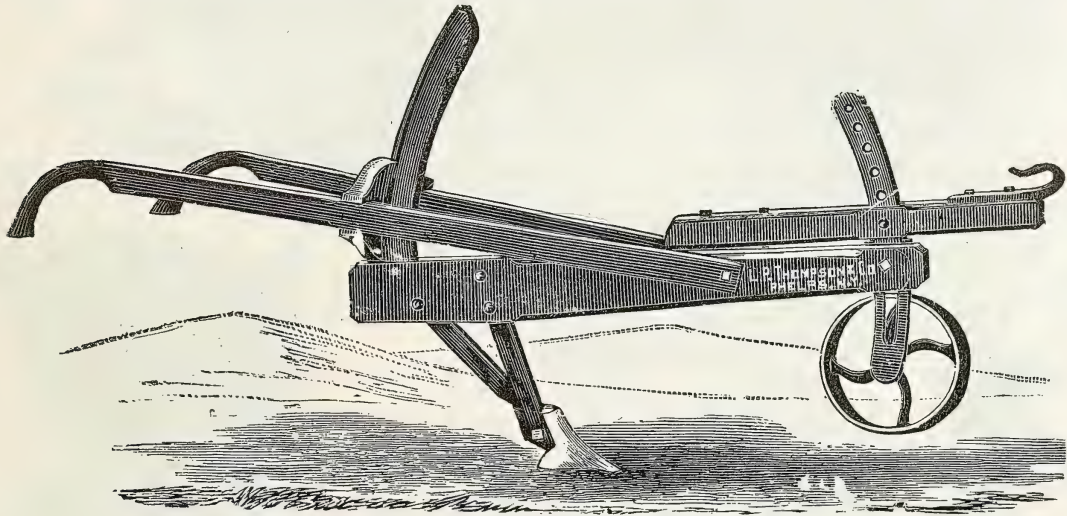
We are carrying the largest line of Plows and Plow Castings to be found in Syracuse. We can supply parts for nearly every Plow in use in this county. If you have an old favorite plow and want parts, call on us.

Baldwinsville Plow.  
Belcher & Taylor, Side Hill.  
Boston B.  
Champion.  
Climax.  
Curtis.  
Delano.  
Deer.  
Dutcher.  
Dutton.  
Elmira.  
Empire.  
Excelsior, Nos. 4, 8, 8½, 9, 10.  
Fayetteville Clipper.  
Gale.

Holbrook.  
Ilion or Remington.  
Kalamazoo Diamond Iron.  
Manlius Union.  
Manlius Side Hill.  
Mohawk Valley Clipper.  
Munnsville, Nos. 5, 59.  
Munnsville Side Hill.  
Munnsville Ditcher Points.  
National Farmer.  
Norse Mason Side Hill.  
Oneida Valley Clipper, Nos. 1, 2, 2½.  
Oneonta Side Hill.  
Peeksville No. 21.

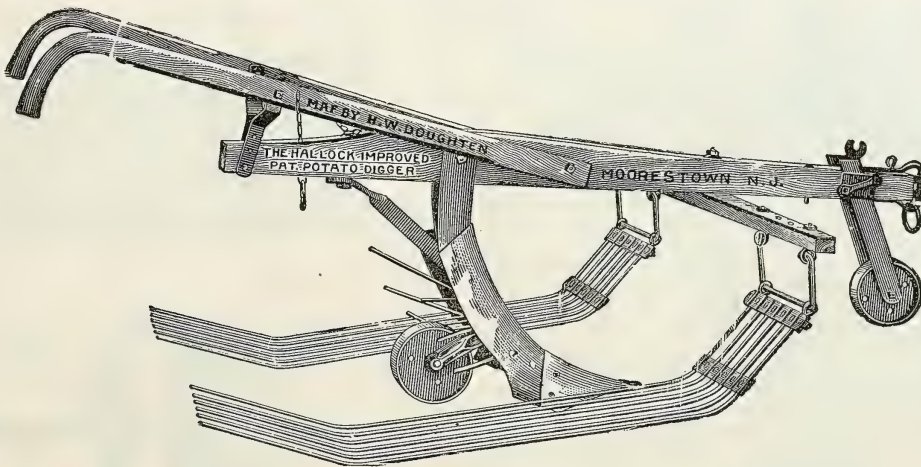
Pennsylvania.  
Phoenix Double Mouldboard.  
Remington or Ilion.  
Robinson, Canandaigua.  
Rough and Ready Side Hill.  
Shortsville.  
South Bend.  
Starbuck.  
Syracuse.  
Titus.  
Troy Peekskill, Nos. 19, 20.  
Wiard, Batavia.  
Wiard, Canandaigua.  
Yankee Side Hill, and many others.

If you have a broken casting and are not sure of the name or number, bring it in and we can perhaps duplicate it. We carry one of the largest lines of plows and other castings of any house in the State.



**DITCHING PLOW. Price, \$9.00.**

We have secured for our farmers in Central New York a very low priced Ditching Plow, one that has both handles and draw hook adjustable and can be changed, "as you see," very rapidly, plowing to the depth of four feet. The ditches can be made with this plow at a cost of from 10 to 12 cents per rod. Hugh Oliver, of Marcellus, N. Y., now using one of these plows, says he would not be deprived of it for \$50.00. It is just the plow for ditching. Price of plow complete, \$9.00.



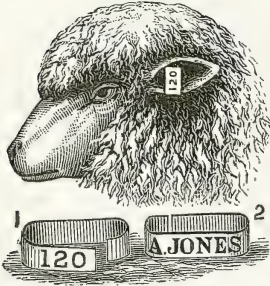
**HALLOCK'S POTATO DIGGER. Price, \$14.00.**

Refer to Edgar Bowen, Onondaga Valley, Asylum for Feeble-Minded Children, Ed. Benscoten, Canandaigua Valley, and others who have used these diggers.

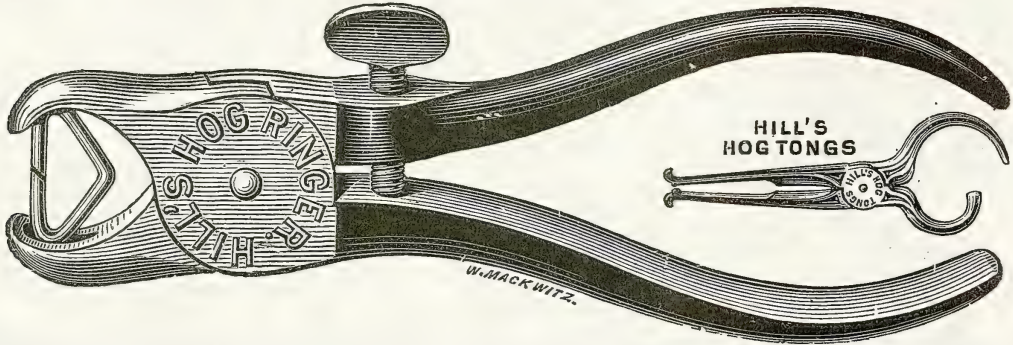


## DANA'S STOCK LABELS

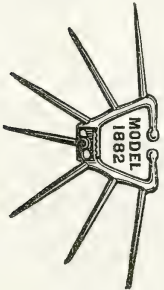
For Cattle, Sheep, Hogs, Etc.



Cattle Labels.....	75c.	Doz., \$4.50	per 100
Sheep and Hog Labels.....	50c.	"	2,50 "
Punches for Cattle.....	1.50	each.	
" " Calves.....	1.25	"	
" " Sheep and Hogs....	1.00	"	



The Prices of HILL'S HOG RINGS, RINGING TOOLS etc., have been reduced.



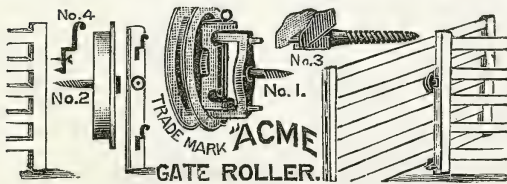
## Two Styles Calf and Cow Weaners.

PRICE, 25, 50 and 75 Cents.



## GATE ROLLERS AND TRIMMINGS.

BEST GATE ROLLER EVER MADE.



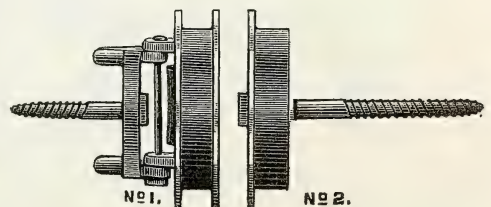
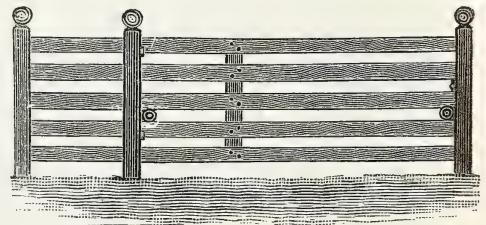
The above cuts show the "Acme" Gate Roller, also a gate with the fixtures all on. The bearings being chilled the gate runs very easy. Any one with a saw and hammer can make a gate, any lumber answers; with these rollers one can have the cheapest and best gate in use.

16 foot double gate. two openings, 12 foot and 3½ foot, each made of 16-foot lumber will want wheels 1 and 2, screw slot No. 3, screwed into the post, bottom board to the gate to run in the slot to keep gate tight to the post; 13-foot gate wants wheel No. 1, two catches No. 4, screw slot No. 3 to hang the gate on first post.

PRICE.

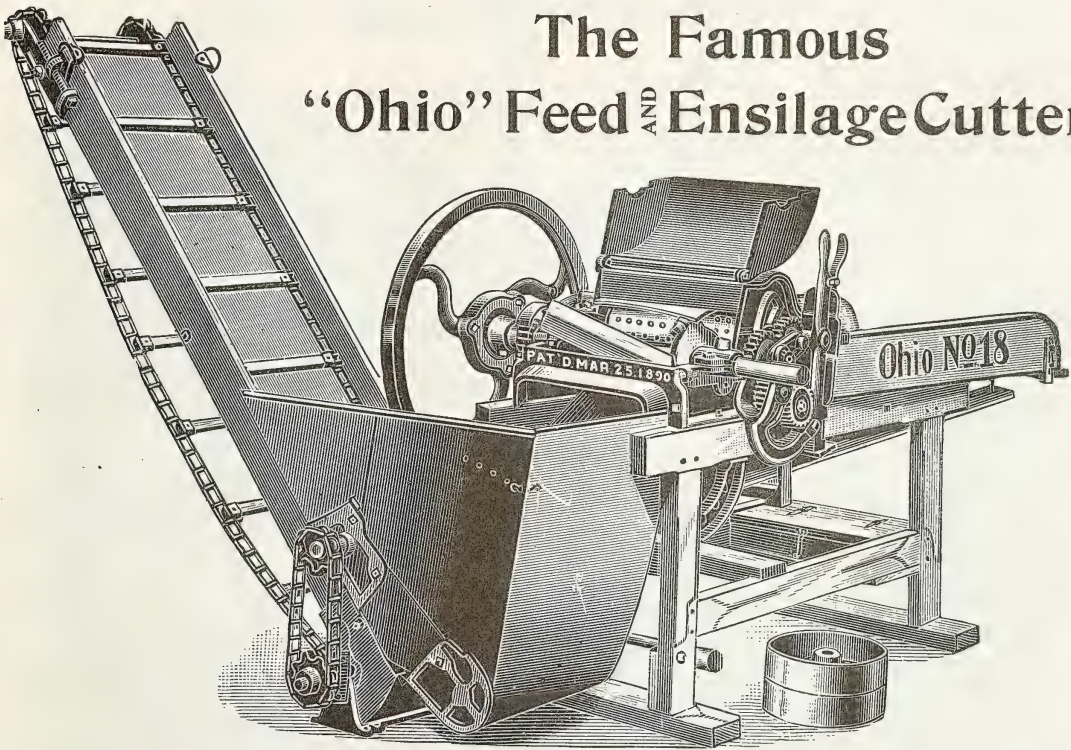
6 inch wheel, single gate trimmings, price per set, 75c.

The cheapest, best and most durable gate ever made. Always ready for business, winter or summer, and will last a lifetime. We have a limited number of these Gate Rollers and Trimmings and offer same at a bargain.





# The Famous "Ohio" Feed AND Ensilage Cutters



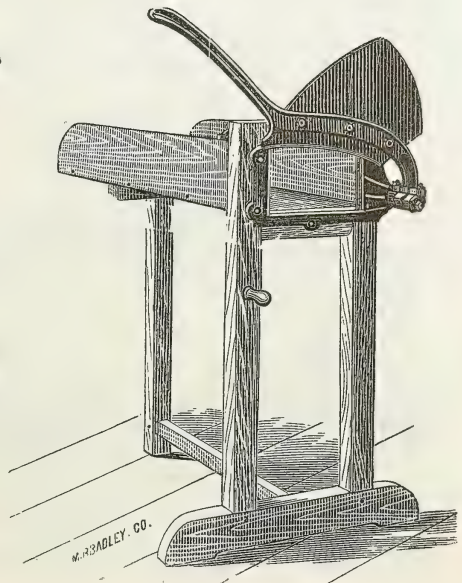
No.	Length of Knife.	Number of Knives.	Capacity per Hour.	Power.	Cuts	Weight.
7	7 in.	2	-----	Hand	$\frac{1}{4}$ to $\frac{3}{4}$ inch	-----
9	9 "	4	-----	Hand	$\frac{1}{4}$ to 1 "	-----
9	9 "	2	-----	Hand	$\frac{1}{2}$ to $1\frac{1}{2}$ "	390 lbs.
9	9 "	4	-----	1 horse	$\frac{1}{4}$ to 1 "	390 "
11	11 "	2	3 to 4 tons.	1 or 2 horse	$\frac{1}{2}$ to $1\frac{1}{2}$ "	420 "
11	11 "	4	3 to 4 "	1 or 2 "	$\frac{1}{4}$ to 1 "	420 "
13	13 "	2	4 to 6 "	2 to 4 "	$\frac{1}{2}$ to $1\frac{1}{2}$ "	560 "
13	13 "	4	4 to 6 "	2 to 4 "	$\frac{1}{4}$ to 1 "	560 "
16	16 "	4	6 to 8 "	2 to 6 "	$\frac{1}{4}$ to 2 "	620 "
18	18 "	4	8 to 10 "	4 to 6 "	$\frac{1}{4}$ to 2 "	700 "
10	20 "	4	12 to 15 "	6 to 10 "	$\frac{1}{4}$ to 1 "	1300 "

We can furnish Shredder Cylinder  
for the "Ohio" line Nos. 11, 13,  
16, 18, 20, 24 and 26 Cutters.

Fully Guaranteed and Reasonable in Price.

We offer the Lever Feed Cutter at  
a specially low price  
this season.

Full Particulars and Terms given at our store.





## The "Iron Age"

## Pivot Wheel Cultivator.

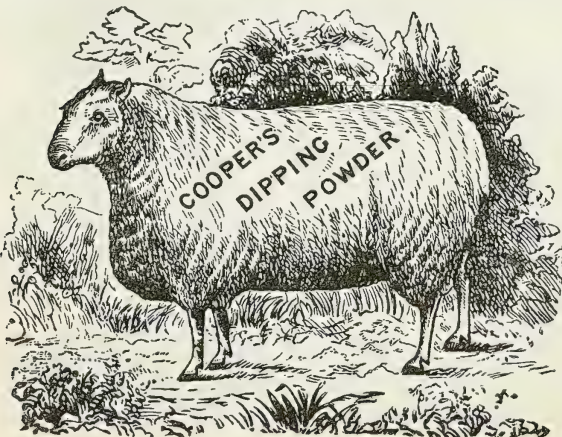


Price, \$26.00.  
Complete with One Pair Plows, Shields and Fallow Tooth Attachment, Straight Axle, \$25.00.

## Water's Improved Tree Pruner.

A good pruner is an indispensable article to every one who cultivates a single fruit tree, and the Water's Pruner is the best one yet offered. It is without a competitor for favor. These pruners can only be sent by express, purchaser paying the charges. Prices, delivered free at express office, as follows:

Length of Pole	4 feet,	weight	2 $\frac{1}{4}$ lbs.		\$1.00
"	6 "	"	2 $\frac{3}{4}$ "		1 00
"	8 "	"	3 $\frac{1}{2}$ "		1.25
"	10 "	"	4 $\frac{1}{2}$ "		1.50
"	12 "	"	5 "		1.50
Extra knives, postpaid, each					.35



We Sell the **Cooper's**

## Sheep Dipping Powder.

The finest in America, used by all the ranchmen in the west, sure cure for scab and ticks. We could show you a list of testimonials a yard long if necessary, but those we have from firms so well known among sheepmen will be all that is required to convince you we have the best. Sold at factory price, 50c. and \$2.00 a package. Small packages will make 25 gallons, large packages 100 gallons ready for use. An unprecedented demand has set in all over the States for our celebrated Cooper Sheep Dip, consequent upon the favorable verdict of sheepmen who have used it. Other preparations are being relinquished, as "Cooper" is found far superior in every way.



# A FEW STOCKBRIDGE ONIONS.



Photograph of  $\frac{1}{2}$  acre field of onions grown by John H. George, of Methuen, Mass., on Stockbridge Onion Manure exclusively, entered for field premium at the Essex County Agricultural Society. Yield on the  $\frac{1}{2}$  acre,  $448\frac{1}{2}$  bushels of fine onions. Applied 1,000 lbs.

**HILL AND DRILL PHOSPHATE, AMMONIATED DISSOLVED BONE, FARM AND GARDEN PHOSPHATE, SUPER PHOSPHATE WITH POTASH, SURE CROP PHOSPHATE, WOOD ASHES, KAINIT, NITRATE OF SODA, HOP AND POTATO WITH EXTRA POTASH.**

## SPECIAL MANURES.

		For one acre without stable manure*
Stockbridge Potato Manure,	per 100 lbs., \$2.15.....	1,200 to 1,800 lbs.
" Corn and Grain Manure,	" 100 lbs., 2.15.....	800 to 1,500 lbs.
" Vegetable Manure,	" 100 lbs., 2.15.....	1,500 to 2,000 lbs.
" Cabbage and Cauliflower Manure,	" 100 lbs., 2.15.....	1,800 to 2,500 lbs.
" Onion Manure,	" 100 lbs., 2.15.....	1,500 to 2,000 lbs.
" Vine Manure (not peas or beans)	" 100 lbs., 2.15.....	1,500 to 2,000 lbs.
" Pea and Bean Manure	" 100 lbs., 2.15.....	1,000 to 1,500 lbs.
" Root Manure,	" 100 lbs., 2.15.....	800 to 1,200 lbs.
" Asparagus Manure,	" 100 lbs., 2.15.....	1,200 to 2,000 lbs.
" Celery Manure,	" 100 lbs., 2.15.....	1,500 to 2,000 lbs.
" Lettuce and Spinach Manure,	" 100 lbs., 2.15.....	1,500 to 2,000 lbs.
" Strawberry and Fruit Manure,	" 100 lbs., 2.15.....	1,000 to 1,500 lbs.
" Tobacco Manure,	" 100 lbs., 2.15.....	1,500 to 2,500 lbs.

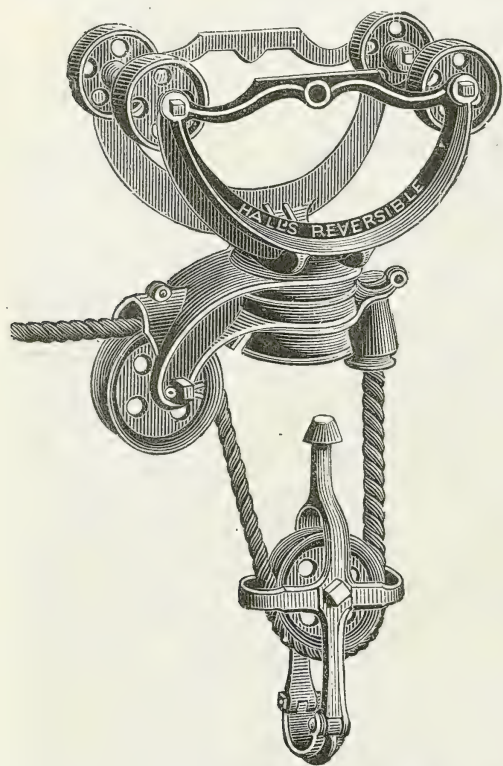
The above quantities recommended for one acre are without stable manure; but, if stable manure is used in connection with the Stockbridge, then a smaller amount can be used, depending on the amount of manure applied and its richness. About one-half the quantity of each is the rule.

The first column gives the usual quantities which farmers apply, and the second column the usual quantities which market gardeners apply.

We are Sole Agents for these celebrated Phosphates. Sold strictly for Cash at a very close margin or profit. Fully guaranteed as being equal or superior to the best on earth.

**SPECIAL PRICES FOR CASH.**





## Hall's Reversible Car.

Is Made Entirely of Malleable Iron. Light and Durable. It Runs Both Ways on the Track Without Changing.

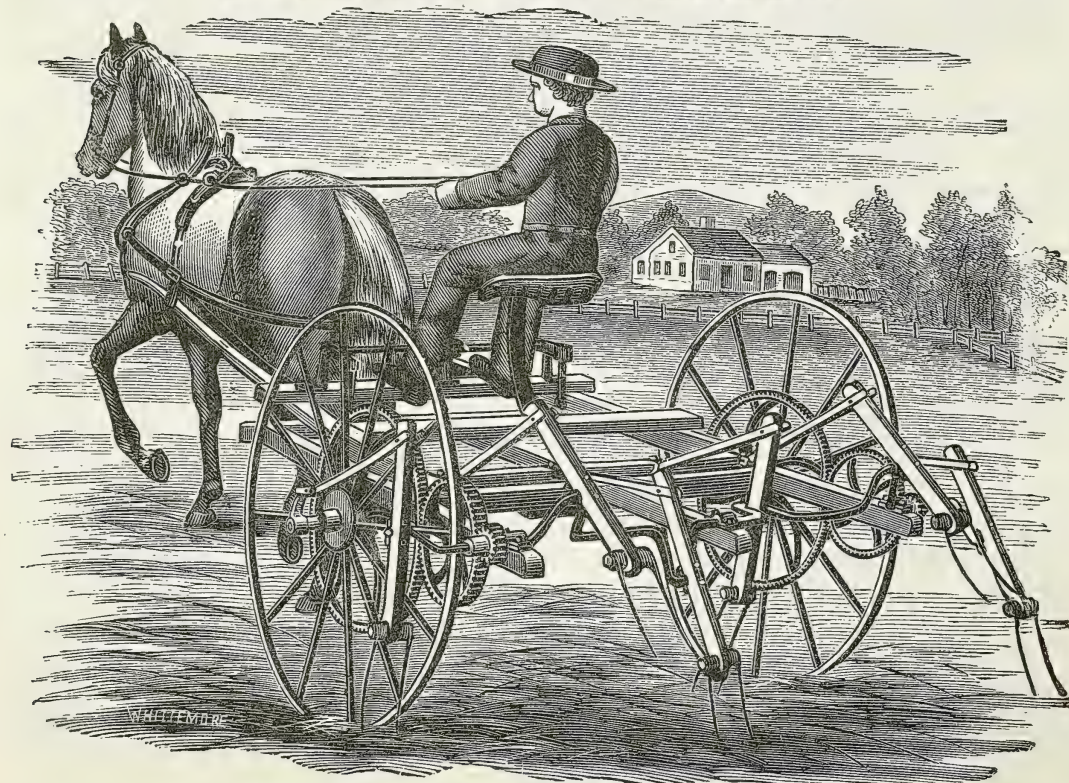
PRICE, = \$5.00.

This car runs on a wooden track, 4 x 4, or it can be made of 2 x 4 nailed together, suspended by the iron hooks which we furnish at \$1.00 per dozen. Any carpenter can put this car in shape to run at a small expense.

Double Harpoon Forks.....	\$ 1.00
Pulleys in Wood and Iron, each.....	.25
Rope, best Manilla at lowest prices.	
The Kershaw Iron Rod Car.....	6.00
The Ney Hay Car, for wood track.....	4.00
The Sprout Car, for wood track.....	3.00
Star Hay Car.....	4.50
Diamond ".....	4.50
The Bullard Hay Tedder.....	35.00
The Wiard Horse Rake.....	21.00
The Taylor No. 4 Horse Rake.....	20.00

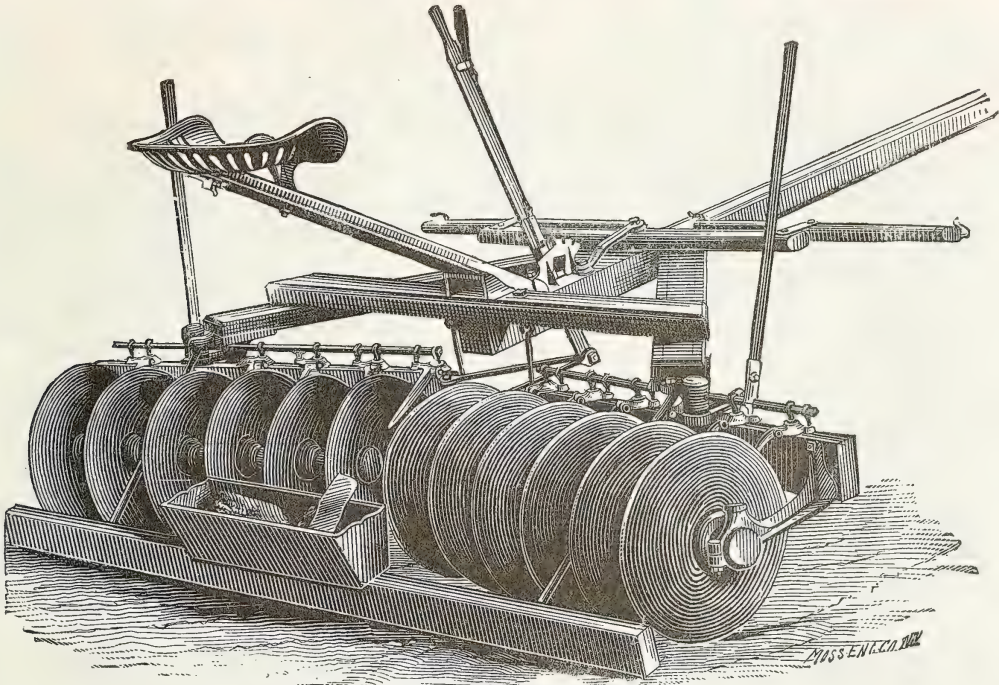
We have the Teeth for these Rakes and Tedders.

## BULLARD HAY TEDDER.



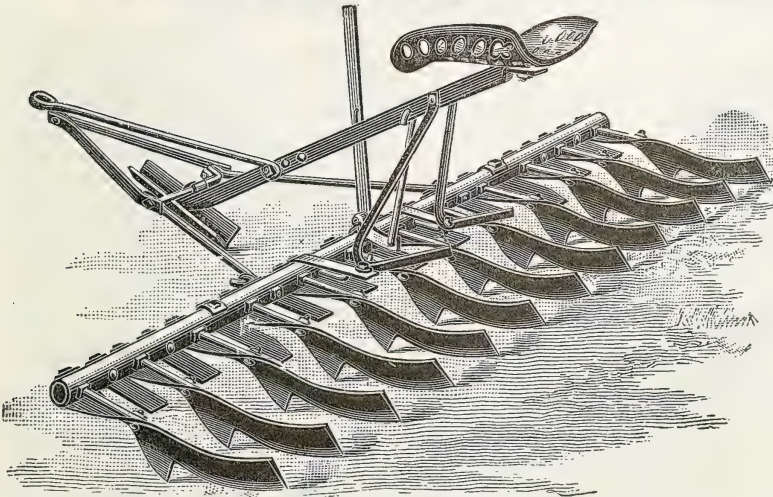
There is no investment a farmer makes that pays better than a BULLARD HAY TEDDER. Over twenty years in use and the first machines made still running. Belcher & Taylor are now making two sizes—One and Two Horse, with parts interchangeable. Prices very much reduced. Give us your order early. We keep the extras always in stock.





DISK HARROW, \$20.00.

**"Acme" Pulverizing Harrow, Clod Crusher and Leveler.**



❁  
**Price, = \$14.00**

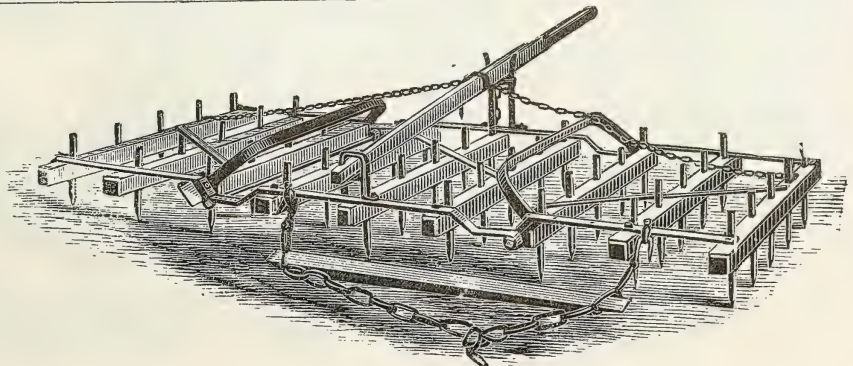
Warranted  
Against Breakage  
or  
One Year.



The "Acme" is the cheapest riding harrow in use—in fact it costs about the same as an ordinary drag, and is, therefore, within the reach of all who have use for harrows. Being made entirely of cast steel and wrought iron, it is indestructible. Nothing but the coulters can possibly wear, and these are readily replaced at trifling cost.

**TRIPLE  
HARROW  
AND  
WOOD DRAGS.**

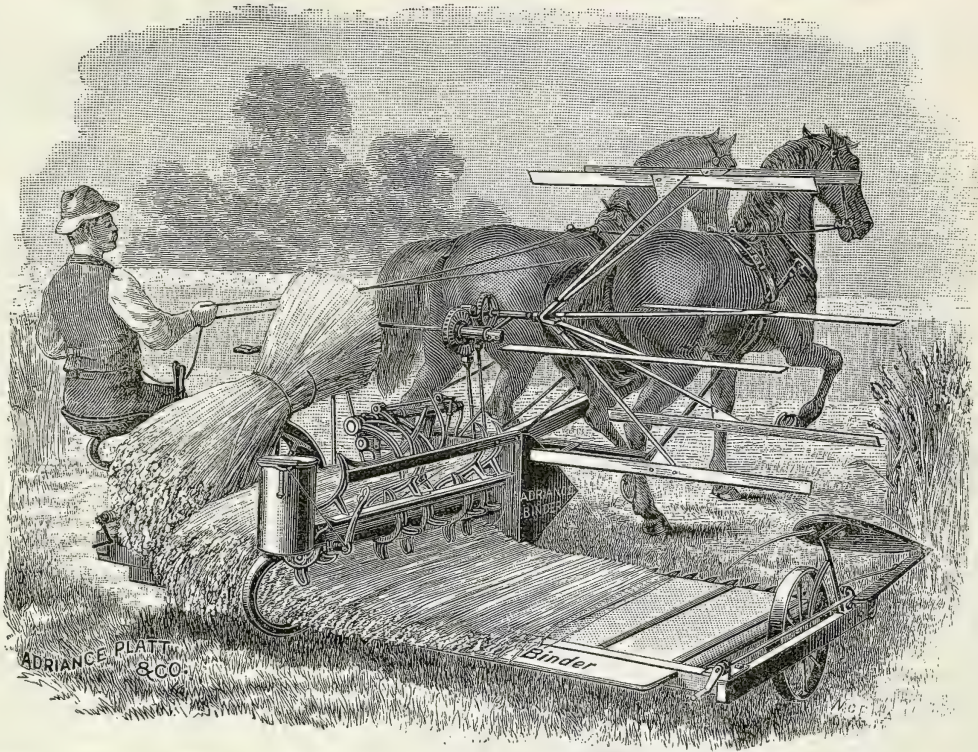
—  
PRICE,  
\$6.00 to \$13.00.



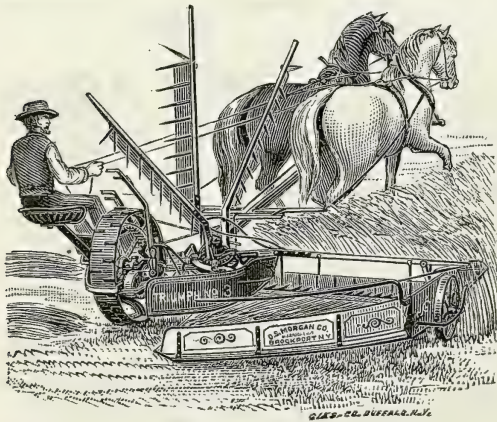


## ADRIANCE REAR DISCHARGE BINDER.

The Only Binder in the market that Two Horses can handle with ease.



The only Binder that is perfectly safe to run on our rolling grounds without tipping over. Built of the best Malleable Iron and Steel, with less than half the machinery of any other binder in use.



## TRIUMPH REAPER!

A Desirable Reaper.

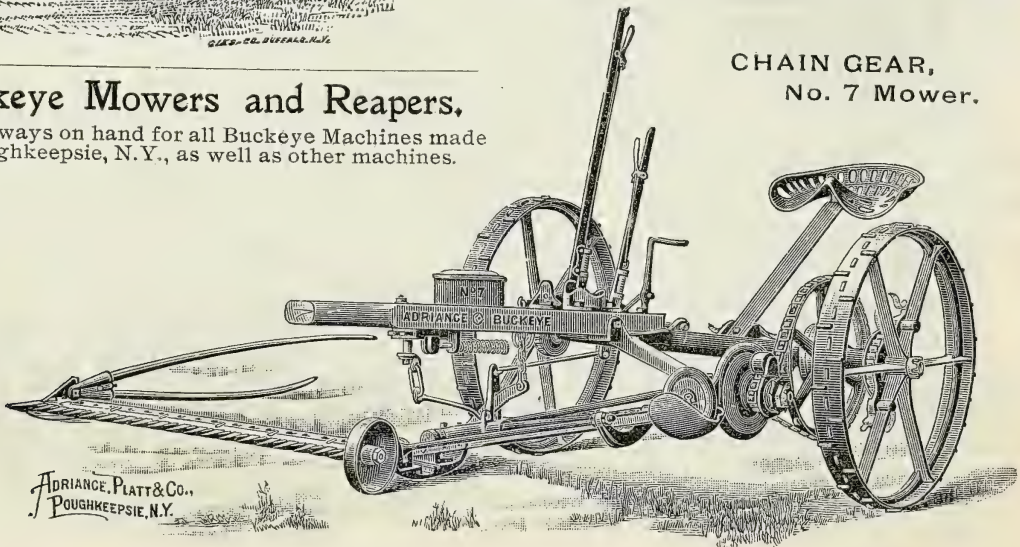
These Reapers are well known in this vicinity and we shall be able to supply the Extras as well as the Reapers in the future at our store, we having been appointed the agent for this vicinity.

We Carry a Full Line of Mower and Reaper Extras.

## Buckeye Mowers and Reapers.

Extras always on hand for all Buckeye Machines made at Poughkeepsie, N. Y., as well as other machines.

CHAIN GEAR,  
No. 7 Mower.

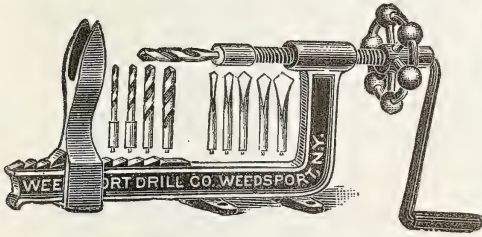


ADRIANCE PLATT & CO.,  
POUGHKEEPSIE, N.Y.



# THE FARMERS and MECHANICS FRIEND

## COMBINATION CLAMP AND DRILL.



**\$2.25 with Diamond Point Drills.**

**Extra Drills, 10 cents each.**

**\$3 with Syracuse Twist Drills.**

**Extra Drills, 28 cents each.**

The lowest priced first-class article of its kind on the market. Can be used as a wood clamp, also a bench vice or hand drill. Thoroughly practical.

# PECKHAM'S Portable Agricultural FURNACE and FARMERS' BOILER.

**The Cheapest and Best.**

Warranted to boil with less fuel and in less time than any other boiler made.

### NET PRICES.

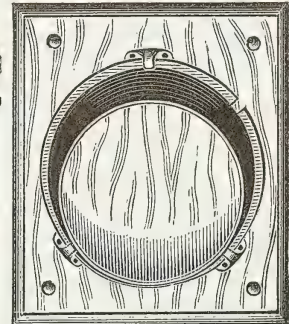
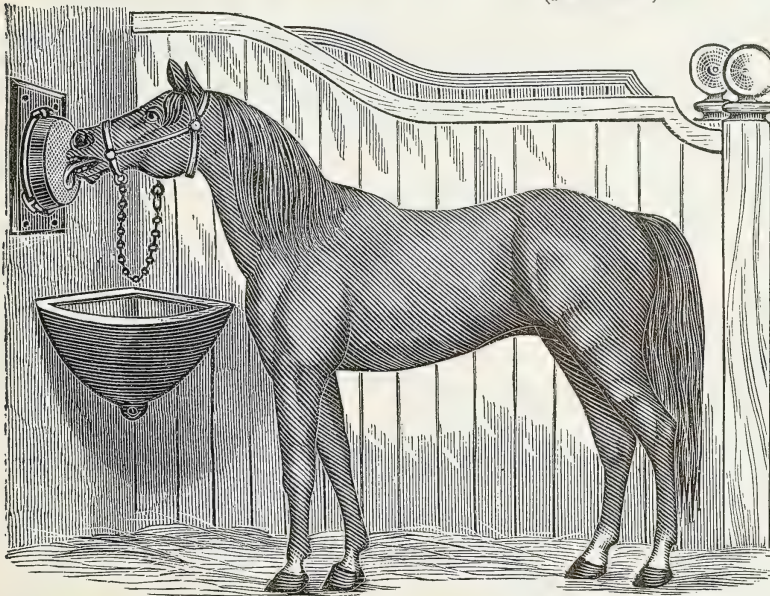
FIVE SIZES:		NET PRICES.			
1 1/2 bbl.	Wood Burner, \$ 9.00	1	bbl. Wood Burner, \$14.00	Coal Burner,	\$16.00
3/4 "	" " " 11.00	1 1/2	" " " 19.00	" "	21.00
3/4 "	" " " 11.00	2	" " " 21.00	" "	23 00

Arranged for burning any kind of coal or wood.

# Compressed Salt Cakes and Frames,

## FOR HORSES, CATTLE AND SHEEP.

(Patented.)



**Warranted Pure Dairy Salt, put under Hydraulic Pressure into Cake Form for Use of Animals.**

**Pure Salt Refined**, acts as a tonic, invigorates the system, promotes digestion, purifies the blood, increases strength of bone and muscle; in fact, it is a stimulus for the general health and thrift of animals, as well as mankind.

**Lump Rock Salt** in its natural state is not pure salt. It is contaminated with foreign substances, such as Sulphates and Chlorides. 25c. per cake, 5 cakes \$1.00.

### COOPER'S SHEEP DIP SOLD BY US.

We sell the Best Cream Separator in the Market. Fully Warranted.  
We have the best Plows for the Least Money.





## ... LAMBERT'S ... *DEATH TO LICE*

Kills Lice or Fleas on Poultry, Horses, Cattle, Cats, Dogs  
Hogs, Ticks on Sheep, Lice on Plants, Carpet  
Moths, Water Bugs, Protects Furs  
and Woolens.

**A DISINFECTANT INSECT POWDER.**

**ABSOLUTELY GUARANTEED.**

This preparation is guaranteed to rid poultry of all vermin and cause them to be more healthy and profitable. You cannot see the lice on hens unless you look where they are, which is usually among the fluffy feathers beneath the vent. They center there especially during cold weather, and worry their victims worse than the seven years' itch. It will also destroy ticks on sheep, and kill hog lice instantly.

Lice on a horse will worry the animal until they kill him. Cattle also get lousy and this remedy is a safe and certain cure. In fact, lice on anything can be exterminated by the liberal use of this powder.

Setting hens well dusted during incubation will bring off a healthy brood that will need no pampering to make them grow.

Your carpets will not be moth eaten if you sprinkle this powder freely around the edges of the room before nailing down.

Used in Nearly, if not every State in the Union, Canada, British Columbia and Mexico.

**PRICES:** 5 Oz. Box, 10 Cts. | 48 Oz. Package, 50 Cts. | If to be sent by mail, add one  
15 Oz. Box, 25 Cts. | 100 Oz. Package, \$1.00. | cent per ounce to pay postage.

Always to be used externally. Nothing that will harm animal life. They will not eat it. Full directions with every package. For sale wholesale and retail.

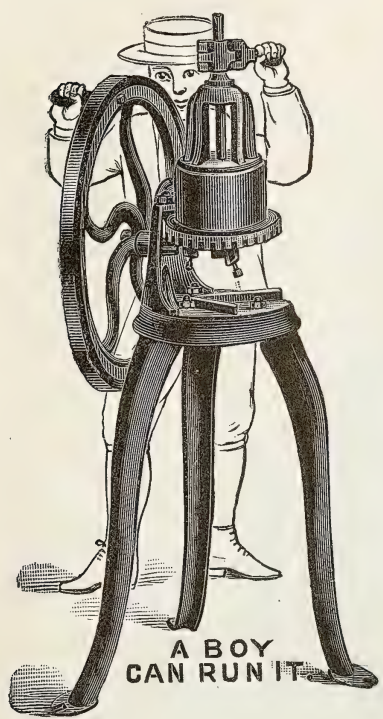


There is a man up in Milford, N. H., who keeps hens in quite a large way. He says he always has about 800 fowls, and raises about a thousand chickens every year. One cold morning a neighbor met him coming from the poultry yards with a basket full of eggs, and asked him what made his hens lay so well when eggs were so high, and he replied: "I have used Bowker's Animal Meal most of the time for the past ten years, and like it very much. The fowls seem to be healthy, and I don't have any trouble about their laying. I feed it to the chicken as soon as they are a few days old, and they seem to grow fast and get to laying early."

**JUMBO POWDER GUNS, - 25 CENTS.**

Use this to apply LAMBERT'S DEATH TO LICE,  
or any other powder.



A BOY  
CAN RUN IT.

THREE SIZES,  
18, 27 and 36 inches.

## Mann's Celebrated Bone Mills.

**DURABLE AND PRACTICAL.**

We offer the best Bone Mill on the market. Fully warranted against breakage for two years. The only machine that will cut green bone fine enough for Bantams and little chickens.

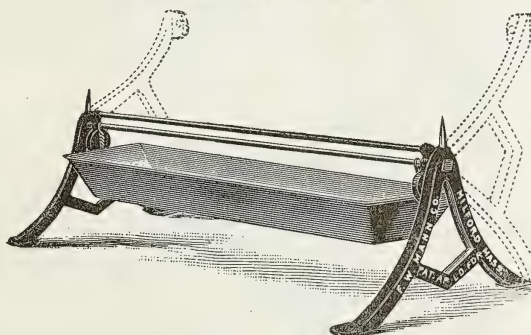
This Mill is absolutely warranted for two years, and will place it beside any Mill on the market for actual test, and practical work.

PRICES: = = \$5.25, \$7.25, \$10.25, \$12.25, \$19.00, \$23.00  
\$26.50, \$75.00.

**CALL AND SEE THEM.**

## Mann's Swinging Feed Tray

**FOR POULTRY.**



**DESCRIPTION.**—It has a swinging tray, automatic tip rod, a pair of reversible cast iron standards. (Dotted lines show Standards fastened to the side of house).

PRICE, \$1.00, \$1.25, \$1.50.

**Special Points of Merit that make it Desirable for Poultrymen:**

The Tray is 6½ inches wide, 3 inches deep and 18-27-36 inches long.  
Is made in one piece of galvanized iron.  
Water tight. Is equally useful for water or feed. Will not rust.  
Easy to keep clean. Will not leak. Makes a splendid water fountain.  
Is suspended on two hooks. Easy to take off.  
Can put it in oven to cook food without change.  
Tips automatically and throws hen out.  
Will not tip way over, nor spill food.  
When food stands and sours, it can be scalded.

## Some of the Reasons Why Poultrymen Should FEED CLOVER MEAL. ❀ ❀

3 cents per lb. \$2 per 100 lbs.

1st. Ground clover is far superior to cut clover from the fact there is no waste, and every particle is rendered digestible, as there are no whole stems or heads as in the case with cut clover; and where poultrymen are obliged to buy green food, clover meal will be found to come nearest to the summer runs of any article on the market.

## DRINKING FOUNTAINS.

Non-Freezing, made of Galvanized Iron in two sections. Easily cleaned, will last a lifetime.  
PRICES.—For one gallon size, 50 cts.; for two gallon size, 60 cts.



## UNIVERSAL INCUBATORS AND BROODERS.



**REASONABLE PRICE.** . . In the Universal Hatcher more is given for the money in **CONSTRUCTION, STYLE and FINISH** than in any other Incubator on the market.

**How Made.** The cases are double and every practical improvement known to modern incubator construction has been introduced in the Universal. It has always been the aim of the Company—as it will continue to be—to constantly add to the character of their machines by pursuing a progressive policy, thereby producing an incubator **Thoroughly Constructed, Attractive in Appearance, and of Lasting Durability—in other words, a Perfect Hatcher.** For full particulars see special catalogue.

### PRICE LIST OF INCUBATORS.

No. 0. 56 Egg Capacity, comp., made to order, \$15	No. 3. 324 Egg Capacity, complete..... \$35
No. 1. 108 Egg Capacity, complete ..... 21	No. 4. 648 Egg Capacity, comp., made to order 55
No. 2. 216 Egg Capacity, complete ..... 30	

### PRICE LIST OF BROODERS.

No. 0. 56 Chick Capacity, made to order.....\$ 8	No. 2. 200 Chick Capacity.....\$15
No. 1. 100 Chick Capacity..... 12	No. 3. 300 Chick Capacity..... 20

... NET CASH. ...

### The Universal Hatcher and Brooder Show Room Record.

We have Exhibited in Competition with nearly all the First-class Hatchers in the United States and have never lost First Prize.

American Institute, New York .....1885	Elmira, N. Y., Inter-State Fair .....1889-90-91-93
Syracuse, N. Y.....1885	Elmira, N. Y., Poultry and Pet Stock Show.....1891-93
Allentown Poultry Fair .....1885	Wellsville Fair.....1891
Philadelphia, Pa.....1886	Mansfield, Pa., Tioga Co. Fair .....1893-94-96-97
Elmira, N. Y.....1886	Hornellsville Farmers' Club Fair.....1894-95-97
Rochester, N. Y.....1887	Elmira, N. Y., Chemung Co. Fair.....1895-96-97
Elmira, N. Y.....1887	Westfield, Pa.....1895-96-97
Elmira, N. Y., State Fair.....1888	Elmira, N. Y., Elmira Poultry Show .....1897
Syracuse State Fair.....1898	



# ....POULTRY SUPPLIES....

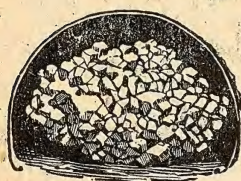
## PRICE LIST.

Crushed Oyster Shells.....per 100 lbs, \$ .60	Roup Pills.....per box, \$ .25
Clear Grit....." " " 1.00	Patent Stoneware Fountains, ½ gal. size .25
Crushed Raw Bone....." " " 2.00	" " " 1 " .40
Ground Raw Bone....." " " 2.50	" " " 2 " .60
Bowker's Animal Meal....." " " 2.25	Climax " " 1 " .60
Beef Scraps....." " " 2.00	Patent Feeding Trough.....\$1.00, 1.50
Clover Meal....." " " 2.25	Galvanized Non-Freez'g Fount'n, 1 gal. .50
Sunflower Seeds....." " " 5.50	" " " 2 " .60
Pure Persian Insect Powder,.....per lb. .40	Wire Hen's Nests......15
Lambert's Death to Lice, 15 oz. size, .25	China Nest Eggs, per doz......30
" " " 48 " .50	Poultry Markers......25
" " " 100 " 1.00	Jumbo Powder Gun......25
Sheridan's Condition Powder, small... .25	Philadelphia Caponizing Sets..... 2.50
" " " large... .85	Leg Bands, per doz......50
Pratt's Poultry Food......25 and .60	Thermometers.....all prices
Baum's " "......25	Poultry Netting, all sizes, 50c per 100 in full
Triplex " "......20	roll.
Prolific " " all sizes, .25, .50 and .85	

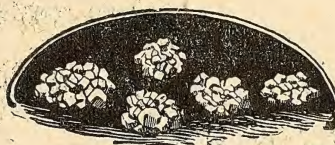
The prices on Wheat, Corn, Oats, Buckwheat and other grains are continually changing, so we are unable to quote them in this list.

## Mann's Granite Crystal Grit, FOR POULTRY.

**Granite Crystal Grit Magnified.**  
Crystal Formation.

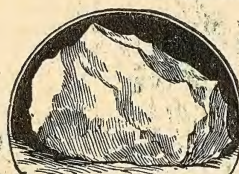


BEFORE.



AFTER.

**Other Grit Magnified.**  
Homogeneous Formation.



BEFORE.

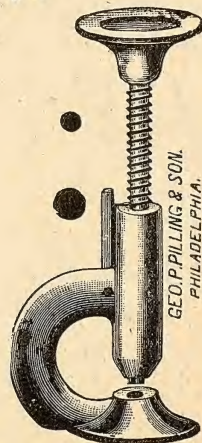
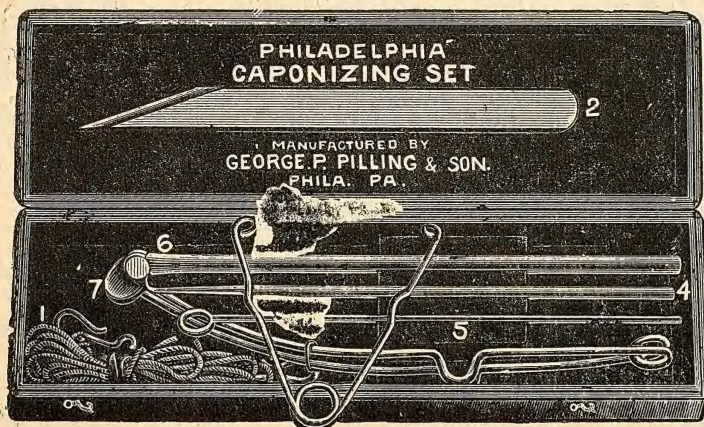


AFTER.

**Being Acted Upon by the Gizzard. Being Acted Upon by the Gizzard.**

Sharp, Clean, Hard. Free from Dust. Lasts Longer and More Economical than any Other Grit. It is the Sharpest and Hardest Grit Known.

## CAPONIZING INSTRUMENTS.



Complete with instructions, \$2.50. We send "COMPLETE GUIDE FOR CAPONIZING" with every set. The Philadelphia Poultry Marker, nickel plated, two sizes, 25 cents each.



29<sup>TH</sup> ANNUAL CATALOGUE  
OF THE

# PERRY SEED STORE.

F. H. EBELING,  
PROPRIETOR.



FLORIST, HORTICULTURAL,  
POULTRY AND BIRD SUPPLIES.

HARDWARE, IMPLEMENTS,  
DRAIN TILE, TIN SHOP, ETC.

IMPORTER OF  
**SEEDS AND BULBS.**

WHOLESALE AND RETAIL.

217 WARREN ST., OPPOSITE POST OFFICE,  
SYRACUSE, N.Y.



# To Fill the Egg Basket.

---

**Special Bargain Collection of Poultry Supplies, \$1.00.**  
**All packed carefully and sent you for \$1.00.**

<b>25 lbs. Crushed Shell.</b>	<b>2 Nest Eggs.</b>
<b>5 " Crushed Bone.</b>	<b>1 pkg. Lambert's Death</b>
<b>10 " Grit.</b>	<b>on Lice.</b>
<b>10 " Beef Scraps.</b>	<b>1 Egg Record.</b>
<b>1 pkg. Egg Food.</b>	<b>1 pa. Pansy Seed.</b>

(See last page of Catalogue for full list of supplies.)

**Send in your order at once. Fill in your name,  
P. O. and R. R. Station, or call for it yourself.  
Send Currency, Silver, or P. O. Order.**

**Name**.....

**P. O.**.....

---

**FIVE CARS of SEED on hand to select from.** If you want some Grass Seed, Clover, Alsike, Alfalfa, Red Top, Orchard Grass, or other Seeds, come in soon before prices advance. We will for the next **30 DAYS** sell you at special delivered prices. Call and see us, or send for prices and samples.

**F. H. EBELING,**  
(THE PERRY SEED STORE,  
217 WARREN STREET, SYRACUSE, N. Y.)

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**Our POST HOLE DIGGER is the best on the market, and they are warranted for a period of 5 years, while other makes are not warranted for 5 minutes.**

 **40,000 Sole Tile for Sale at a Bargain.**